Professor Vivian Wing-Wah YAM

Philip Wong Wilson Wong Professor in Chemistry and Energy
BSc(Hons), PhD, CSci, CChem, FRSC, FCCS, SBS, BBS, JP
Member of the Chinese Academy of Sciences
International Member (formerly Foreign Associate) of the National Academy of Sciences, USA
Fellow, TWAS, The World Academy of Sciences
Foreign Member of Academia Europaea (MAE)
Founding Member, The Hong Kong Academy of Sciences

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Date of Birth :	10 February 1963
Sex :	Female
Marital Status :	Married, with two daughters
Position :	Chair Professor, Department of Chemistry, The University of Hong Kong
Areas of Specialism :	Inorganic & Organometallic Chemistry / Photophysics & Photochemistry / Supramolecular Chemistry / Molecular Functional Materials

Educational :

1985	BSc (First Class Hons)	Chemistry	University of Hong Kong
1988	PhD	Chemistry	University of Hong Kong
1990	Visiting research fellow (summer)	Chemistry	University of Rochester (with Prof. D.G. Whitten at the NSF Centre for Photo-induced Charge Transfer)
1991/2	Visiting research fellow (summer)	Chemistry	Imperial College of Science and Technology (with Prof. Sir Geoffrey Wilkinson at the Johnson Matthey Laboratory)

Memberships of Academies:

2012	Elected to International Member (formerly Foreign Associate) of the National Academy of Sciences USA	National Academy of Sciences (NAS), USA
2006	Elected to Fellow of TWAS, The World Academy of Sciences - for the advancement of science in developing countries	The World Academy of Sciences (TWAS)
2001	Elected to Member of Chinese Academy of Sciences	Chinese Academy of Sciences (CAS)
2015	Elected to Foreign Member of Academia Europaea (The Academy of Europe)	Academia Europaea
2015	Founding Member of Hong Kong Academy of Sciences	The Hong Kong Academy of Sciences

Scholarships, Awards, Honours & Lectureships:

2011	L'ORÉAL-UNESCO Awards For Women in Science - Laureate (Asia-Pacific)	UNESCO-L'ORÉAL Foundation
2022	American Chemical Society (ACS) National Award – the 2022 Josef Michl ACS Award in Photochemistry	American Chemical Society (ACS)
2025	IUPAC Distinguished Women in Chemistry Award	IUPAC
2023	I-APS Presidential Award	Inter-American

		Photochemical Society (I-APS)
2022	Japanese Photochemistry Association (JPA) Honda-Fujishima Lectureship Award	Japanese Photochemistry Association (JPA)
2020	Porter Medal (Selected amongst European Photochemistry Association, Inter-American Photochemistry Society, and Asian and Oceanian Photochemistry Association)	Porter Medal Committee
2018	Selected as one of the Ten Science Stars of East Asia by *Nature*	Nature Publishing Group
2021	Selected as inaugural Pioneer in Energy Research (PIER) by *ACS Energy & Fuels* with A Special Issue Dedicated to Vivian Yam	ACS Energy & Fuels, ACS Publications
2021	InnoStars Award 2021	Our Hong Kong Foundation
2022	RIGAKU-ACCC Award	The Asian Conference on Coordination Chemistry (ACCC)
2019	Federation of Asian Chemical Societies (FACS) Foundation Lectureship Award	Federation of Asian Chemical Societies (FACS)
2018	Huang Yao-Zeng Organometallic Chemistry Award of the Chinese Chemical Society (CCS)	Chinese Chemical Society (CCS)
2016	Japan Society of Coordination Chemistry (JSCC) International Award	Japan Society of Coordination Chemistry (JSCC)
2016	APA Masuhara Lectureship Award	Asian and Oceanian Photo-chemistry Association (APA)
2015	RSC Ludwig Mond Award	Royal Society of Chemistry, UK
2014	Chinese Chemical Society (CCS)-China Petroleum & Chemical Corporation (Sinopec) Chemistry Contribution Prize	Chinese Chemical Society (CCS)
2011	Ho Leung Ho Lee Foundation Prize for Scientific and Technological Progress	Ho Leung Ho Lee Foundation
2006	Japanese Photochemistry Association (JPA) Lectureship Award for Asian and Oceanian Photochemist (Eikohsha Award)	Japanese Photochemistry Association (JPA)
2005-06	RSC Centenary Lectureship and Medal	Royal Society of Chemistry, UK
2005	State Natural Science Award (Second Class Prize of National Award)	National Office for Science and Technology Awards (NOSTA), State Council, PR China
2013	Docteur Honoris Causa	Université de Rennes 1, France
2022-23	Bailar Medalist and Lectureship	University of Illinois at Urbana-Champaign
2023	Vilsmeier Lectureship (postponed from 2022)	University of Regensburg, Germany
2022-23	Dow Lectureship (postponed from 2019-20)	California Institute of Technology (Caltech), USA
2018	Charles Force Hutchison Lectureship	University of Rochester, USA
2016	Lavoisier Lectureship	University of Paris Diderot 7, France
2015-16	2016 Julia S. and Edward C. Lee Memorial Lectureship (Lee Lectureship)	University of Chicago, USA
2012-13	2013 Seaborg Lectureship	University of California, Berkeley, USA
2007-08	Frontiers in Chemical Research Distinguished Lectureship	Texas A & M University, USA
2017	2017 KAIST Chemistry Distinguished Lectureship Award	Korean Advanced Institute of Science & Technology (KAIST)
2012-13	2014 Pacific Rim Visiting Speaker Lectureship (formerly Distinguished Asian Visiting Speaker Lectureship Award)	University of Alberta, Canada
2007	Hong Kong Fulbright Distinguished Scholar	Fulbright Program, USA
2022	Silver Bauhinia Star (SBS)	Hong Kong SAR Government
2015	Bronze Bauhinia Star (BBS)	Hong Kong SAR Government
2015	Leader of the Year 2015 (Education/	Sing Tao News Corporation

	Professionals/Technology & Innovation)	Limited
2019	Justice of the Peace (JP)	Hong Kong SAR Government
2013	13th World Outstanding Chinese Award	World Chinese Business Investment Foundation
2012	Jessica Most Successful Women Award 2012	Jessica Magazine Hong Kong, South China Media
2008	Outstanding Women Professionals and Entrepreneurs Award	Hong Kong Women Professional & Entrepreneur Association
2002	Ten Outstanding Young Persons (Professional)	Hong Kong Junior Chamber
2000-01	Croucher Senior Research Fellowship	Croucher Foundation
2020	Zhejiang University Science Master Forum Lectureship	Zhejiang University
2020	Wuhan University Lujia Forum Lectureship	Wuhan University
2019	Peking University Xingda Lectureship	Peking University
2019	3rd Peking University Graduate Student Forum Lectureship for Advanced Inter-disciplinary Studies (AAIS-FAIS 2019)	Peking University
2019	Tsinghua Xuetang Lectureship of Tsinghua Univ Xuetang Talents Chemistry Program	Tsinghua University
2019	Guo Yonghuai Lectureship & USTC Lectureship	USTC Hefei
2019	CAS Zhang Dayu Lectureship	Dalian Institute of Chemical Physics
2019	SJTU Master Distinguished Lectureship	Shanghai Jiao Tong University (SJTU)
2019	100th Anniversary Forum Lectureship	Nankai University
2019	Nanqiang Lecture Professorship & University Anniversary Lectureship	Xiamen University
2019	Shenzhen Municipal Government Academician Forum Lectureship	Shenzhen Experts United Association, SZ Municipal Government
2019	Famous Teacher's Lecture of "Hu Lian Zhi Qi"	Beijing University of Technology (BJUT)
2018	Distinguished Beiyang Forum Lectureship	Tianjin University
2017	Distinguished Lu Jiaxi Lectureship	Fujian Institute of Research on the Structure of Matter (FJIRSM), CAS
2017	SINAP Physical Biology Lectureship (PBL)	Shanghai Lightsource Synchro-tron Facilities, Shanghai Institute of Applied Physics (SINAP), CAS
2017	Master Forum Lectureship	The Chinese University of Hong Kong (CUHK), Shenzhen
2015	Forum of the Millennium Institution: Distinguished Scholar Lectureship in The Frontier of Chemistry and Biology	Hunan University
2014	Peking University-Eli Lilly Lectureship	Peking University & Eli Lilly
2012	Distinguished Honorary Professorship and Honorable Speaker for Applied Chemistry Lecture Series	Changchun Institute of Applied Chemistry, Chinese Academy of Sciences
2011	Nanqiang Lecture Professorship and Lu Jiaxi Lecture Professorship	Xiamen University
2011	Lanzhou University 100th Anniversary Lecture Professorship	Lanzhou University
2010	Molecular Science Forum Lecture Professorship	Institute of Chemistry, Chinese Academy of Sciences
2006	Li Ka Shing Foundation Lectureship	Shantou University
2002-04	RMIT Foundation International Visiting Fellowship	Royal Melbourne Institute of Technology University
2009	Distinguished Alumni (honoured at the 70th Anniversary of the Faculty of Science)	Faculty of Science, University of Hong Kong
2006-07	Distinguished Research Achievement Award	University of Hong Kong

1999-00	Outstanding Researcher Award	University of Hong Kong
1986-88	Li Po Chun Scholarship	University of Hong Kong
1985-88	Croucher Studentship	Croucher Foundation
1985-88	Swire Scholarship	University of Hong Kong
1985	G.T. Byrne Memorial Prize	University of Hong Kong
1985	Douglas Payne Prize in Chemistry	University of Hong Kong
1983	Ho Fook Prize	University of Hong Kong
1983	Hong Kong Association of University Women Scholarship	University of Hong Kong

Experience (Teaching/Professional) :

2010-2018	Director and Project Coordinator	Institute of Molecular Functional Materials (supported by the University Grants Committee (UGC) Areas of Excellence (AoE) Scheme)
2017-	Director and Chief Scientist	HKU-TCL Joint Laboratory for New Printable OLED Materials and Technology
2012	Invited Visiting Professor	Universities of Switzerland "Troisième Cycle" Lecture Tour Program, Switzerland (Hosted by Ecole Polytechnique Fédérale de Lausanne, and the Universities of Basel, Neuchatel, Bern and Geneva)
2011	Invited Visiting Professor	Université Bordeaux, CNRS, Bordeaux, France
2007	UMPC Visiting Professor	Université Pierre et Marie Curie, CNRS (Université Paris VI), Paris, France
2005-06	RSC Centenary Lecturer & Medalist	Royal Society of Chemistry, UK
2012-	Board of Trustees	Croucher Foundation
2017-22	Board of Directors	Nano and Advanced Materials Institute (NAMI) Limited
2019-25	Board of Directors	Hong Kong Academy of Sciences
2003-05	Chair	Hong Kong International Chemical Sciences – A Chapter of the American Chemical Society
2022-26	President	International Organization for Chemical Sciences in Development (IOCD)
2016-18	President	Asian and Oceanian Photochemistry Association
2013-16	Vice-President	Asian and Oceanian Photochemistry Association
2025-28	Vice-President	Hong Kong Academy of Sciences (ASHK)
2002-23	Councilor	Asian and Oceanian Photochemistry Association
2023-26	Vice-President	Chinese Chemical Society (CCS)
2018-26	Chair	Committee for Women Chemists, Chinese Chemical Society (CCS)
2014-18	Inaugural Vice-Chair	Committee for Women Chemists, Chinese Chemical Society (CCS)
2011-22	Member	Standing Board, Chinese Chemical Society (CCS)
2019-28	Chairman (Hong Kong Region)	Guangdong-Hong Kong-Macau Alliance of Academicians and Experts on Innovation and Enterprise
2021-now	Founding Member	The Greater Bay Area Association of Academicians (GBAAA)

2022-now	President	Hong Kong STEM Education Alliance
2002-04	Visiting Professor	Université de Rennes 1, France
2001-06	Deputy Director	Institute of Molecular Technology for Drug Discovery and Synthesis (supported by the University Grants Committee (UGC) Areas of Excellence (AoE) Scheme)
10/2024-now	Vice-President and Pro-Vice-Chancellor (Global Innovation Centre) (Interim)	The University of Hong Kong
8/2021-11/22	Dean (Interim) of Faculty of Science	The University of Hong Kong
1/2000-12/05	Head of Department of Chemistry	The University of Hong Kong
2000-01	Croucher Senior Research Fellow	Awarded by the Croucher Foundation
2009-now	Philip Wong Wilson Wong Professor in Chemistry and Energy	The University of Hong Kong
7/1999-now	Chair Professor in Chemistry	The University of Hong Kong
1997-99	Professor (Reader) in Chemistry	The University of Hong Kong
1995-97	Senior Lecturer in Chemistry	The University of Hong Kong
1990-95	Lecturer in Chemistry	The University of Hong Kong
1988-90	Lecturer in Chemistry	City Polytechnic of Hong Kong
1985-88	Teaching Assistant (Chemistry)	The University of Hong Kong

Professional Qualifications :

- Member (Academician), Chinese Academy of Sciences
- International Member (formerly Foreign Associate), National Academy of Sciences, USA
- Fellow, The World Academy of Sciences (TWAS) - for the advancement of science in developing countries
- Foreign Member, Academia Europaea
- Founding Member, The Hong Kong Academy of Sciences
- Doctor Honoris Causa, Université de Rennes 1, France
- Fellow, Chartered Chemist (CChem, FRSC), Royal Society of Chemistry, UK
- Chartered Scientist (CSci), Science Council, UK
- Fellow of the Chinese Chemical Society (FCCS）, Chinese Chemical Society
- Member of General Assembly, International Organization for Chemical Sciences in Development (IOCD), UNESCO
- Member, American Chemical Society
- Member, Materials Research Society
- Member, Chinese Chemical Society
- Member, American Association for the Advancement of Science
- Honorary Fellow, The Hong Kong Association for the Advancement of Science and Technology
- Founding Fellow, Hong Kong Institution of Science

Research Grants Awarded :

A. University Grants Committee :

2010-18: Project Coordinator and Principal Investigator, "Institute of Molecular Functional Materials" supported by UGC Areas of Excellence (AoE) Scheme (5th Round).

2008-10: Co-Principal Investigator, "Integrated Time-Resolved Spectroscopy Facility" supported by UGC Special Equipment Grant (SEG) Award.

B. Research Grants Council :

2011-16: Project Coordinator and Principal Investigator, "Challenges in Organic Photo-Voltaics and Light Emitting Diodes - A Concerted Multi-Disciplinary and Multi-Institutional Effort" supported by RGC Theme-Based Research Scheme (TBRS) (1st Round).

2022-25: Project Coordinator and Principal Investigator, "Functional Supramolecular and Metallosupramolecular Materials and Biomaterials – From Synthetic Challenges To Controlled Supramolecular Assembly, Functions and Application Studies"

supported by RGC Collaborative Research Fund (CRF).

2013-17: Principal investigator, "Phosphorus-Containing π-Conjugated Molecular Materials - Design, Synthesis and Their Supramolecular Assembly for Light-Emitting, Light-Harvesting, Electronic Communication and Charge Transport Functions" supported by ANR-RGC Joint Research Scheme Award.

2025-28: Principal investigator and sole investigator, "Design and Synthesis of Luminescent Discrete Polynuclear d^{10} Metal Complexes and Clusters as Building Blocks for Cluster Assemblies and Homo- and Hetero-Metallic Metal-Ligand Assemblies" supported by RGC General Research Fund (GRF) Award

2024-27: Principal investigator and sole investigator, "Design and Synthesis of Luminescent Metal-Ligand Coordination Complexes as Building Blocks for Segmented Multi-Block Metallosupramolecular Co-Assembly" supported by RGC General Research Fund (GRF) Award.

2023-26: Principal investigator and sole investigator, "Design and Synthesis of Novel Classes of Chromophoric and Luminescent Metal Complexes with π-Conjugated Rigid Ligand Scaffolds Decorated with Flexible Motifs and Their Molecular Assemblies" supported by RGC General Research Fund (GRF) Award.

2022-25: Principal investigator and sole investigator, "Design and Synthesis of Novel Classes of Photochromic Functionalized Heterocycles and Metalloles and Their Metal-Ligand Chromophoric Complexes" supported by RGC General Research Fund (GRF) Award.

2021-24: Principal investigator and sole investigator, "Design and Synthesis of Luminescent Metal-Ligand Structural Motifs of Different Geometrical Shapes for Hierarchical Supramolecular Assemblies, Architectures and Polymers" supported by RGC General Research Fund (GRF) Award.

2020-23: Principal investigator and sole investigator, "Design and Synthetic Strategies Towards Novel Classes of Photoactivatable Metal-Ligand Chromophores – From Photoreactivity to Photoreaction-Based Assembly" supported by RGC General Research Fund (GRF) Award.

2019-22: Principal investigator and sole investigator, "Functional Metal Complexes with Responsive and Switchable Properties Through Rational Molecular Design and Synthesis" supported by RGC General Research Fund (GRF) Award.

2018-21: Principal investigator and sole investigator, "Design and Synthesis of Low-Coordinate Metal-Ligand Building Blocks for Supramolecular Assembly, Co-Assembly and Polymerization with Controlled Dimensional Growth" supported by RGC General Research Fund (GRF) Award.

2017-20: Principal investigator and sole investigator, "Design and Synthesis of Molecular Metal Clusters and Their Utilization as Building Blocks for Post-Synthetic Modification and Construction of Sophisticated Metal Clusters and Higher-Ordered Cluster Assemblies, Oligomers and Inorganic-Organic Hybrids" supported by RGC General Research Fund (GRF) Award.

2016-19: Principal investigator and sole investigator, "Design and Synthesis of Discrete Metal-Ligand Chromophoric Complexes and Their Double Salts as Molecular Building Blocks for Supramolecular Assembly of Homo- and Hetero-Aggregates and Supramolecular Oligomers" supported by RGC General Research Fund (GRF) Award.

2015-18: Principal investigator and sole investigator, "Design and Synthesis of Functionalized Carbon- and Silicon-Containing Metal-Ligand Chromophores – From Supramolecular Assembly to Luminescence, Charge Transfer, and Morphological Nanostructures" supported by RGC General Research Fund (GRF) Award.

2014-17: Principal investigator and sole investigator, "Design and Synthesis of Functionalized Heterocycles and Their Metal-Ligand Coordination Assemblies – From Supramolecular Assembly to Luminescence and Photofunctional Properties" supported by RGC General Research Fund (GRF) Award.

2014-16: Principal investigator, "An Understanding of the Radiative and

Nonradiative Processes in Square Planar Platinum Complexes of Tridentate Pincer Ligands by Computational Approaches" supported by RGC General Research Fund (GRF) Award.

2013-16: Principal and sole investigator, "Design and Synthesis of Luminescent Metal-Ligand Conjugates and Ensembles and Their Utilization for "Proof-of-Principle" Molecular Recognition and Signalling" supported by RGC General Research Fund (GRF) Award.

2012-15: Principal and sole investigator, "Design and Synthesis of Stimuli-Responsive Coordination Assemblies and Their Hierarchical Architecture" supported by RGC General Research Fund (GRF) Award.

2011-14: Principal and sole investigator, "Design and Synthesis of Luminescent Metal-Containing Oligomers and Supramolecular Assemblies Based on Platinum(II)-Ligand Chromophoric Building Blocks and the Study of Their Supramolecular Assembly and Host-Guest Interactions" supported by RGC General Research Fund (GRF) Award.

2011-14: Deputy Project Coordinator and Co-investigator, "Development of Efficient Luminogenic Materials in the Aggregate State: Fundamental Understanding and Practical Applications" supported by RGC Collaborative Research Fund (CRF) Award.

2010-13: Principal and sole investigator, "Design and Synthesis of Amphiphilic Metal-Containing Molecules and Polymers of Gold(III) and the Study of Their Supramolecular Assembly" supported by RGC General Research Fund (GRF) Award.

2009-12: Principal and sole investigator, "Design, Synthesis and Supramolecular Assembly of Novel Classes of Luminescent Gold(I) Complexes and the Study of Metallogels Derived from Gold(I) and Other Transition Metal-Ligand Chromophores" supported by RGC General Research Fund (GRF) Award.

2008-11: Principal and sole investigator, "Design and Synthesis of Novel Classes of Luminescent Transition Metal Complexes with Metal-Metal Interactions and the Utilization of Their Associated Spectroscopic Properties as Probes and Reporters of Ion and Substrate Binding" supported by RGC General Research Fund (GRF) (formerly Competitive Earmarked Research Grant (CERG)).

2007-10: Principal and sole investigator, "Design and Synthesis of Novel Classes of Luminescent Transition Metal Complexes and the Study of Their Properties Associated With Induced Conformation Changes" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2006-09: Principal investigator, "Synthesis, Aggregation and Self-Assembly of Luminescent Functional Molecules - From Solutions to Polymers, Ordered Thin Films, Inorganic-Organic Hybrids, and Supramolecular and Nano- Assemblies" supported by NSFC-RGC Joint Research Scheme Award.

2006-09: Principal investigator, "Carbon-Rich Metal-Containing Molecular and Nano-Scale Functional Materials" supported by RGC Central Allocation Vote (CAV) Award.

2006-09: Principal and sole investigator, "Design and Synthesis of Novel Classes of Luminescent Transition Metal Complexes of Functionalized Imidazole and *N*-Heterocyclic Carbene Ligands and Their Related Imidazolium Salts" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2005-08: Principal and sole investigator, "Design and Synthetic Strategies Towards Novel Classes of Luminescent Gold Alkynyls" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2005-08: Principal investigator, "Study on a Novel Type of Electrogenerated Chemiluminescence: Characterization and Applications in Bioanalysis" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2004-07: Principal and sole investigator, "Design and Synthetic Strategies Towards Novel Classes of Photochromic Metal-Containing Compounds" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2004-07: Co-investigator with Dr. Y.B. Zu of HKU, "Development of a New Class

of Chemosensor Based on the Electrogenerated Chemiluminescence of Metal Complex with Crown Ether Moiety" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2003-06: Principal and sole investigator, "Synthesis and Aggregation Studies of Platinum(II) Complexes in Various Media and Environments" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2002-05: Principal and sole investigator, "Synthetic Design of Molecular Switches Based on Ion-/Redox-Induced Processes" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2001-04: Principal and sole investigator, "Strategies Towards the Molecular Design of Novel Metalloreceptors" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

2000-03: Principal and sole investigator, "Transition Metal Complexes with Alkynyl-Containing Moieties as Building Blocks for Metal-Based Materials with Luminescence and/or Chemosensing Capabilities" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1999-02: Principal and sole investigator, "Reactivity of Ruthenium Polypyridine Complexes with Terminal Acetylenes – Synthetic Routes to Luminescent Ruthenium Carbene Complexes" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1998-00: Principal and sole investigator, "Luminescent Gold Phosphine Complexes Containing Discrete Metal-Metal Bonds or Weak Metal-Metal Interactions" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1997-99: Principal and sole investigator, "Luminescent Transition Metal Chalcogenolates - From Mononuclear to Polynuclear Species" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1996-98: Principal and sole investigator, "Luminescent Transition Metal Organometallics with Potential Second Harmonic Generation and/or Liquid Crystalline Capabilities : From Simple Molecules to Ordered Assemblies" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1995-98: Principal and sole investigator, "Soluble Polymetallic Materials with Acetylide and Sulfur Linkages" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1994-96: Principal and sole investigator, "Design of Novel Metal-Based Materials with Potential Photo- and Electro-sensory Functions" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1993-96: Principal and sole investigator, "Organometallics - From Mononuclear to Supramolecular Species. Synthesis, Spectroscopy, Electrochemistry, Photophysics and Structural Aspects" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1991-94: Principal and sole investigator, "Photophysics and Photochemistry of Luminescent Polymetallic Clusters" supported by RGC Competitive Earmarked Research Grant (CERG) Award.

1988-92: Co-investigator with Dr. T.C. Lau of CPHK, "Thermal and Photochemical Activation of C-H Bonds" supported by UPGC Earmarked Grant.

C. Innovation Technology Commission :

2025-30: Person-In-Charge (PIC), Project Coordinator and Principal Investigator, "Transformative Proprietary Gold(III) Luminescent Materials for Innovative Applications" supported by the Research, Academic and Industry Sectors One-plus (RAISe+) Scheme of the Innovation Technology Commission.

2024-26: Project Coordinator and Principal Investigator, "Horizontal Molecular Orientation Control in Luminescent Gold(III) Complexes for Realization of High Performance Organic Light-Emitting Devices" supported by Innovation and Technology Support Programme (ITSP) Mainland-Hong Kong Joint Funding Scheme (MHKJFS) of the Innovation and

Technology Fund (ITF).

2020-25: Co-Principal Investigator, AIR@InnoHK Center of "Hong Kong Quantum AI Lab" supported by the InnoHK Cluster on Artificial Intelligence and Robotics (AIR@InnoHK) of the Innovation Technology Commission.

2019-21: Project Coordinator and Principal Investigator, "Highly Efficient Vacuum-Deposited Gold-Based OLEDs Towards Practical Operational Stability" supported by the Innovation and Technology Support Programme (ITSP) Platform Research Projects Scheme of the Innovation and Technology Fund (ITF).

2020-21: Project Coordinator and Principal Investigator, Postdoctoral Hub associated with "Highly Efficient Vacuum-Deposited Gold-Based OLEDs Towards Practical Operational Stability" supported by the Innovation and Technology Support Programme (ITSP) Platform Research Projects Scheme of the Innovation and Technology Fund (ITF).

2020-21: Project Coordinator and Principal Investigator, Postdoctoral Hub associated with "Highly Efficient Vacuum-Deposited Gold-Based OLEDs Towards Practical Operational Stability" supported by the Innovation and Technology Support Programme (ITSP) Platform Research Projects Scheme of the Innovation and Technology Fund (ITF).

2020-21: Project Coordinator and Principal Investigator, Researcher Programme associated with "Highly Efficient Vacuum-Deposited Gold-Based OLEDs Towards Practical Operational Stability" supported by the Innovation and Technology Support Programme (ITSP) Platform Research Projects Scheme of the Innovation and Technology Fund (ITF).

2016-18: Project Coordinator and Principal Investigator, ITF Internship associated with "Solution-Processable Gold-Based OLED and WOLED Materials" supported by the Innovation and Technology Support Programme (ITSP) Guangdong-Hong Kong Technology Cooperation Funding Scheme (Tier 2) of the Innovation and Technology Fund (ITF).

2016-18: Project Coordinator and Principal Investigator, ITF Internship associated with "Solution-Processable Gold-Based OLED and WOLED Materials" supported by the Innovation and Technology Support Programme (ITSP) Guangdong-Hong Kong Technology Cooperation Funding Scheme (Tier 2) of the Innovation and Technology Fund (ITF).

2015-18: Project Coordinator and Principal Investigator, "Solution-Processable Gold-Based OLED and WOLED Materials" supported by the Innovation and Technology Support Programme (ITSP) Guangdong-Hong Kong Technology Cooperation Funding Scheme (Tier 2) of the Innovation and Technology Fund (ITF).

2011-12: Project Coordinator and Principal Investigator, ITF Internship associated with "Development of Gold(III)-Containing Triplet Light-Emitting Materials with Tunable Emission Colours and Their Application Studies in the Fabrication of OLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

2011-12: Project Coordinator and Principal Investigator, ITF Internship associated with "Development of Gold(III)-Containing Triplet Light-Emitting Materials with Tunable Emission Colours and Their Application Studies in the Fabrication of OLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

2010-12: Project Coordinator and Principal Investigator, "Development of Gold(III)-Containing Triplet Light-Emitting Materials with Tunable Emission Colours and Their Application Studies in the Fabrication of OLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

2009-10: Project Coordinator and Principal Investigator, ITF Internship associated with "Development of Gold(III)-Containing Triplet Light-

Emitting Materials and Their Application Studies in the Fabrication of OLEDs and WOLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

2009-10: Project Coordinator and Principal Investigator, ITF Internship associated with "Development of Gold(III)-Containing Triplet Light-Emitting Materials and Their Application Studies in the Fabrication of OLEDs and WOLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

2008-09: Project Coordinator and Principal Investigator, "Development of Gold(III)-Containing Triplet Light-Emitting Materials and Their Application Studies in the Fabrication of OLEDs and WOLEDs" supported by the Innovation and Technology Support Programme (ITSP) Normal Tranche (Tier 3) of the Innovation and Technology Fund (ITF).

D. Natural Science Foundation of China :

2025-27: Project Coordinator and Principal Investigator, "多尺度金(I)分子簇的精准构筑和功能探索－从团簇分子到团簇框架材料 (Precise Construction and Functional Exploration of Multi-Scale Gold(I) Clusters – From Discrete Clusters to Cluster Framework Materials)" supported by the NSFC Key Integration Program under the Major Research Plan on "Architectures, Functionalities and Evolution of Hierarchical Clusters" of the Natural Science Foundation of China (NSFC).

2020-23: Project Coordinator and Sole Principal Investigator, "用于构筑单元团簇和聚集体的金-配体模块设计与合成 – 从超分子组装到共价团簇框架结构和功能 (Design and Synthesis of Gold-Ligand Motifs as Building Blocks for the Construction of Clusters and Aggregates – From Supramolecular Assembly to Covalent Cluster Frameworks and Functions)" supported by the NSFC Key Program under the Major Research Plan on "Architectures, Functionalities and Evolution of Hierarchical Clusters" of the Natural Science Foundation of China (NSFC).

E. Other External Funding Organizations :

2020-23: Project Coordinator and Principal Investigator, "Molecular Functional Materials for Electronics, Switching and Sensing" supported by CAS-Croucher Funding Scheme for Joint Laboratories, Croucher Foundation.

2017-22: Director and Chief Scientist, "HKU-TCL Joint Laboratory for New Printable OLED Materials and Technology" supported by TCL Corporate Research (Hong Kong) Co. Limited.

2017-19: Principal investigator, "Sponsored Research for New Printable OLED Materials and Technology" supported by TCL Corporate Research (Hong Kong) Co. Limited.

2007-08: Principal investigator, "Luminescent Gold-Based Materials for Organic Light-Emitting Device (OLED) Applications" supported by World Gold Council (GROW Programme), UK (registered in Switzerland).

2004-06: Principal investigator, "Synthesis and Structure of Luminescent Redox-Active Carbon-Rich Mixed-Metal Complexes of Iron(II), Rhenium(I), and Platinum(II) – From Molecules Towards Multi-Functional Molecular Devices" supported by PROCORE - France/Hong Kong Joint Research Scheme (French Consulate/ CNRS/RGC).

1999-2001: Principal investigator, "Luminescent Transition Metal-Alkynyl Complexes – Electronic, Structural and Theoretical Aspects" supported by PROCORE - France/Hong Kong Joint Research Scheme (French Consulate/ CNRS/RGC).

1995-98: Principal and sole investigator, "Inorganic/Organometallic Photoluminescent Complexes - Environmental and Biomedical Probes" supported by Croucher Research Grant.

1995-96: Principal investigator, "Transition Metal Complexes - Inorganic Materials with Luminescent and Liquid Crystalline Properties" supported by the British Council UK/Hong Kong Joint Research

Scheme.

1994-95: Principal investigator, "Polynuclear Metal Complexes" supported by State Key Laboratory of Coordination Chemistry, Nanjing University, PRC.

F. The University of Hong Kong :

2022-24: Principal investigator and Coordinator, "Facilities for Advanced Structural Characterization and Structural Dynamics for Self-Assembling Systems and Soft Materials Beyond the Molecular Level" supported by the Large Research Equipment Fund (LREF) of HKU.

2020-23: Principal investigator and Coordinator, "Institute of Light-Enabled Functional Materials and Technology – Harnessing Excited States Through Molecular Design and Chemical Approaches Towards Frontier Materials Research" supported by the Seed Funding for Strategic Interdisciplinary Research Scheme (SIRS) of the HKU University Research Committee (URC).

2020-23: Principal investigator and Coordinator, "Establishing a New Workhorse Raman Facility in the Department of Chemistry" supported by the URC Small Equipment Grant of the HKU University Research Committee (URC).

2013-16: Principal investigator and Convenor, Matching Fund for Strategic Research Theme on New Materials supported by the Matching Fund for Strategic Research Theme of HKU University Research Committee (URC) Grants.

2008-11: Principal investigator and Convenor, Matching Fund for Strategic Research Theme on Molecular Materials supported by the Matching Fund for Strategic Research Theme of HKU University Research Committee (URC) Grants.

2007-08: Principal investigator and Coordinator, "Thin Film Fabrication Facility for Organic Optoelectronics - Vacuum Deposition System for Device Fabrication" supported by the University Development Fund of The University of Hong Kong.

2004-07: Principal investigator, "Luminescent Molecular Functional Materials" supported by the University Development Fund of The University of Hong Kong.

2006-07: Principal investigator and Convenor, "Development of Organic Optoelectronics Materials Research in the Faculty of Science in the Area of Strength/Strategic Research Theme on Nanoscience and Nanotechnology" supported by the Faculty Development Fund of the Faculty of Science.

2014-15: Principal investigator, "Design and Synthesis of Inorganic-Organic Hybrids for the Development of Multi-Chromophoric Systems" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2012-13: Principal investigator, "Design and Synthesis of Bichromophoric Fluorescence Resonance Energy Transfer (FRET) Systems and Their Application Studies in Ratiometric Luminescence Enzyme Assays" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2011-12: Principal and sole investigator, "Design and Synthesis of Stimuli-Responsive Polymers for Sensing Application Studies" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2010-11: Principal investigator, "Development of Gold(III)-Containing Triplet Light-Emitting Materials for Phosphorescent Organic Light-Emitting Devices" supported by the Seed Funding Programme for Applied Researchof HKU University Research Committee (URC) Grants.

2009-10: Principal and sole investigator, "Design and Synthesis of Boron(III) and Zinc(II) Derivatives with Photoswitchable Colour and Luminescence Capabilities" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2008-09: Principal and sole investigator, "Design and Synthesis of Donor-Acceptor Metal Complexes with Two-Photon Absorption Capabilities"

supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2007-08: Principal and sole investigator, "Design and Synthesis of Novel Classes of Metallogels" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2006-07: Principal and sole investigator, "Design and Synthesis of Novel Classes of Oligothiophene-Based Functional Materials" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2005-06: Principal investigator and Convenor, Seed Funding Proposal supported by the Seed Funding for Strategic Research Theme on Organic Optoelectronics of HKU University Research Committee (URC) Grants.

2005-06: Principal and sole investigator, "Synthesis of Anionic Ruthenium Crown-Containing Complexes and Their Applications in Separation and Indirect Photometric Detection of Analytes in HPLC" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2004-05: Principal and sole investigator, "Synthesis and Immobilization of Luminescent Metal Complexes for the Fabrication of Single-Layer Luminescence Sensing Devices" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2003-04: Principal and sole investigator, "Molecular Design and Synthesis of Novel Classes of Diarylethenes" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2002-05: Principal investigator, "Centre for Carbon-Rich Molecular and Nano-scale Metal-Based Materials Research" supported by the HKU Foundation Seed Grant Programme of the HKU Foundation for Educational Development and Research Limited.

2001-02: Principal and sole investigator, "Design of Luminescent Metal-Based Labels for Molecules of Biological Interest" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

2000-01: Principal and sole investigator, "Molecular Design of Metal-Based Calixarene/Calixacrown Receptors" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

1999-00: Principal and sole investigator, "Design and Synthesis of Photochromic Transition Metal Complexes" supported by the Seed Funding Programme for Basic Research of HKU University Research Committee (URC) Grants.

1998-99: Principal and sole investigator, "Molecular Design of Luminescent Mixed-Metal Mono- and Di- Acetylide Complexes" supported by the Seed Funding Programme of HKU University Research Committee (URC) Grants.

1997-98: Principal and sole investigator, "Luminescent Transition Metal Charge-Transfer Complexes with Crown Ether-Containing Ligands" supported by CRCG of HKU University Research Committee (URC) Grant.

1996-97: Principal and sole investigator, "Luminescent Organocopper(I) Aminodiphosphine Donor-Acceptor Complexes" supported by CRCG of HKU University Research Committee (URC) Grant.

1995-96: Principal and sole investigator, "Synthesis, Photophysics, and Reactivity Studies of Soluble Luminescent Platinum(II)-Sulfur Clusters" supported by CRCG of HKU University Research Committee (URC) Grant.

1994-95: Principal and sole investigator, "Spectroscopic Characterization and Fast Kinetics Studies of Transient Intermediates using Laser Flash Transient Absorption Spectroscopy" supported by CRCG of HKU University Research Committee (URC) Grant.

1993-96: Co-principal investigator with Dr. D.L. Phillips of HKU, "Correction of Experimental Spectral Intensities for the Wavelength Sensitivity Variation of the Detection System" supported by the Hung Hing Ying

Physical Sciences Research Fund.

1993-95: Principal and sole investigator, "Photophysics and Photochemistry of Transition Metal Complexes in Homogeneous and Microheterogeneous Media" supported by CRCG of HKU University Research Committee (URC) Grant.

1992-94: Principal and sole investigator, "Syntheses and Reactivities of Transition Metal Organometallics" supported by CRCG of HKU University Research Committee (URC) Grant.

1991-93: Principal and sole investigator, "Syntheses and Reactivities of Rhenium Imido Complexes" supported by CRCG of HKU University Research Committee (URC) Grant.

G. City Polytechnic of Hong Kong (now City University of Hong Kong) :

1989-90: Principal and sole investigator, "Polynuclear Metal Clusters" supported by CPHK Indicated Grant.

1988-90: Co-principal investigator with Dr. T.C. Lau of CPHK, "Inorganic One-Dimensional Metals" supported by CPHK Indicated Grant.

1988-90: Principal and sole investigator, "Metal-Metal Interactions in Novel Gold(I) Complexes" supported by CPHK Exploratory Grant.

Professional Development :

1987: Nd:YAG laser training at Spectra Physics Lasers Products Company, Mountain View, California.

1992-93: Grants for Continuing Professional Development (supported by the Croucher Foundation).

Teaching Funds :

2001-03: "Enhancing the Teaching and Learning of A-level Chemistry through Interactive Workshops and the Internet" (supported by University Grants Committee (UGC) Interface Project Fund).

2001-03: "Establishment of a Web-Based Interactive Teaching Programme for the Enhancement of Teaching and Learning in Symmetry, Group Theory and Chemical Applications" (supported by Internal Teaching Development Grant).

1992-93: "Establishment of new Organometallic Chemistry Course for Year 3 Students" (supported by HKU Leung Kau Kui Research and Teaching Endowment Fund).

Graduate Students' Supervision :

I am the sole/primary supervisor of the following students :

Miss CHAN Lai-Ping, Celia (M.Phil., HKU, completed 1994)
Dr. LEE Wai-Kit (Ph.D., HKU, completed 1995)
Dr. TAM Kwok-Kwong, Kelvin (Ph.D., HKU, completed 1995)
Dr. CHOI Wing-Kin, Sam (Ph.D., HKU, completed 1996)
Dr. LEE Wing-Man (Ph.D., HKU, completed 1996)
Dr. LO Kam-Wing, Kenneth (Ph.D., HKU, completed 1997)
Dr. YEUNG Kok-Yan, Phyllis (Ph.D., HKU, completed 1997)
Dr. LAU Chor-Yue, Victor (Ph.D., HKU, completed 1997)
Dr. FUNG Kit-Mai, Wendy (Ph.D., HKU, completed 1998)
Dr. WONG Man-Chung, Keith (Ph.D., HKU, completed 1998)
Dr. CHAN Chui-Ling, Carol (Ph.D., HKU, completed 1999)
Dr. KAI Sze-Fai, Alex (Ph.D., HKU, completed 1999)
Dr. YU Kai-Lai (Ph.D., HKU, completed 1999)
Dr. PUI Yung Lin (Ph.D., HKU, completed 2000)
Dr. CHU Wai Kin (Ph.D., HKU, completed 2000)
Dr. LAM Chi Ho (Ph.D., HKU, completed 2000)
Dr. YANG Yu (Ph.D., HKU, completed 2000)
Dr. CHENG Chung Chin (Ph.D., HKU, completed 2001)
Dr. CHONG Hong Fai (Ph.D., HKU, completed 2001)
Dr. CHEUNG Kai Leung (Ph.D., HKU, completed 2001)
Dr. TANG Pui Ling (Ph.D., HKU, completed 2002)
Dr. LI Chi Kwan (Ph.D., HKU, completed 2002)

Dr. KO Chi Chiu (Ph.D., HKU, completed 2003)
Dr. HUI Chi Kuen (Ph.D., HKU, completed 2003)
Dr. LO Wing Yin (Ph.D., HKU, completed 2004)
Dr. TAO Chi Hang (Ph.D., HKU, completed 2004)
Miss NGAN Tung Wan (M.Phil., HKU, completed 2004)
Dr. ZHANG Jiaxin (Ph.D., HKU, completed 2004)
Dr. LAM Chan Fung (Ph.D., HKU, completed 2005)
Dr. YIP Song Kong (Ph.D., HKU, completed 2005)
Dr. LI Mei-Jin (Ph.D., HKU, completed 2006)
Dr. CHAN Hoi Yiu (Ph.D., HKU, completed 2006)
Dr. TANG Hau San (Ph.D., HKU, completed 2006)
Dr. TANG Wing Suen (Ph.D., HKU, completed 2007)
Dr. LEE Ka Wai (Ph.D., HKU, completed 2007)
Dr. HUNG Ling Ling (Ph.D., HKU, completed 2007)
Dr. BAO Zhihong (Ph.D., Jilin University, completed 2008; co-supervised with Prof. Lixin WU, Jilin University)
Dr. LO Hiu Suet (Ph.D., HKU, completed 2009)
Dr. LEE Ho Man (Ph.D., HKU, completed 2009)
Dr. CHEN Zuo-Feng (Ph.D., HKU, completed 2009; co-supervised with Dr. Y. Zu (primary supervisor); taken up role of primary supervisor upon departure of Dr. Y. Zu)
Dr. CHUNG Wai Kin (Ph.D., HKU, completed 2009)
Dr. KONG Jianfei (Ph.D., HKU, completed 2009)
Dr. TAM Yiu Yan (Ph.D., HKU, completed 2009)
Dr. HE Xiaoming (Ph.D., HKU, completed 2009)
Dr. SONG Haiou (Ph.D., Jilin University, completed 2009; co-supervised with Prof. Lixin WU, Jilin University)
Dr. CHAN Ka Man (Ph.D., HKU; co-supervised with Dr. S.J. Xu (HKU Physics), completed 2010)
Dr. DUAN Gongping (Ph.D., HKU, completed 2010)
Dr. WONG Hok Lai (Ph.D., HKU; co-supervised with Dr. X.D. Cui (HKU Physics), completed 2011)
Dr. LAM Siu Tung (Ph.D., HKU, completed 2011)
Dr. LEE Kwok Ming Terence (Ph.D., HKU, completed 2011)
Dr. ZHAO Le (Ph.D., Jilin University, completed 2010; co-supervised with Prof. Lixin WU, Jilin University)
Dr. AU Ka Man (Ph.D., HKU, completed 2011)
Dr. KWOK Chi Ho Eric (Ph.D., HKU, completed 2011)
Dr. POON Chun Ting (Ph.D., HKU, completed 2011)
Mr. LIU Tsz Chung Alvin (M.Phil., HKU, completed 2011)
Dr. LI Yongguang (Ph.D., Jilin University, completed 2012; co-supervised with Prof. Lixin WU, Jilin University)
Dr. YIN Zhendong (Ph.D., Jilin University, completed 2012; co-supervised with Prof. Lixin WU, Jilin University)
Dr. CHUNG Yik Sham Clive (Ph.D., HKU, completed 2013)
Dr. YEUNG Ching Lam Margaret (Ph.D., HKU, completed 2013)
Dr. PO Charlotte (Ph.D., HKU, completed 2014; HKU University Postgraduate Fellowship)
Dr. LEUNG Yu Lut (Ph.D., HKU, completed 2014)
Dr. CHAN Chi Hung Jacky (Ph.D., HKU, completed 2014)
Dr. YU Tao (Ph.D., HKU, completed 2014)
Dr. KONG Lingcan (Ph.D., Jilin University, completed 2014; co-supervised with Prof. Lixin WU, Jilin University)
Dr. HAU Ka Wah (Ph.D., HKU, completed 2014)
Dr. LEUNG Chi Ming (Ph.D., HKU, completed 2014)
Dr. TANG Man Chung Kobe (Ph.D., HKU, completed 2015)
Dr. LAM Suk Hang Elizabeth (Ph.D., HKU, completed 2015)
Dr. HONG Yau Hin Eugene (Ph.D., HKU, completed 2015)
Dr. CHAN Chin Yiu (Ph.D., HKU, completed 2015)
Dr. YIM King Chin Alex (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2015)
Dr. CHAN Kwun Wa Alan (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2016)
Dr. YAO Liaoyuan (Ph.D., HKU, completed 2016)
Dr. CHAN Kevin (Ph.D., HKU, completed 2016)
Dr. SIU Kin Lok Steven (Ph.D., HKU; HKU University Postgraduate Fellowship,

completed 2016)
Mr. LI Zhengqi (M.S., Jilin University, completed 2016; co-supervised with Prof. Lixin WU, Jilin University)
Dr. WONG Yiu Wing (Ph.D., HKU, completed 2017)
Dr. CHAN Hing (Ph.D., HKU, completed 2017)
Dr. WONG Cheok Lam (Ph.D., HKU, completed 2017)
Dr. KONG Ka Wai Fred (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2017)
Dr. FU Li Ki Heidi (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2017)
Dr. AU YEUNG Ho Leung (Ph.D., HKU, completed 2017)
Dr. CHENG Heung Kiu (Ph.D., HKU, completed 2017)
Mr. ZHANG Ding (M.S., Jilin University, completed 2017; co-supervised with Prof. Lixin WU, Jilin University)
Dr. CHAN Ho Yeung Michael (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2018)
Dr. CHEN Ling (Ph.D., Sun Yat-Sen University, completed 2018; co-supervised with Prof. Jie-Peng ZHANG, Sun Yat-Sen University)
Dr. LI Xiaoying (Ph.D., Jilin University, completed 2018; co-supervised with Prof. Lixin WU, Jilin University)
Dr. LAW Sin Yee (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2018)
Mr. YIU Tsz Hei Francis (M.Phil., HKU, completed 2019)
Dr. WU Man Wai Nathan (Ph.D., HKU, completed 2019)
Dr. CHU Anlea (Ph.D., HKU, completed 2019)
Dr. CHENG Yat Hin Desmond (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2019)
Dr. LEE Chin Ho (Ph.D., HKU, completed 2019)
Dr. LEUNG Ming Yi (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2020)
Dr. WONG Chun Hei Victor (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2020)
Dr. AI Yeye (Ph.D., Sun Yat-Sen University, co-supervised with Prof. Jie-Peng ZHANG, Sun Yat-Sen University, completed in 2020)
Dr. LI Lok Kwan Natalie (Ph.D., HKU, completed 2020)
Dr. FANG Shishi (Ph.D., HKU, completed 2020)
Dr. WONG Yip Sang Newman (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2020)
Dr. LI Panpan (Ph.D., HKU, completed 2020)
Dr. CHAN Wai Ting Calford (Ph.D., HKU, completed 2021)
Dr. ZHANG Yiwei (Ph.D., Jilin University, completed 2021; co-supervised with Prof. Lixin WU, Jilin University)
Dr. POON Koon Lam Jason (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2021)
Dr. YAN Liangliang (Ph.D., HKU, completed 2021)
Dr. CHEUNG Fu Fai Andy (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2021)
Dr. LI Baoning (Ph.D., Sun Yat-Sen University, co-supervised with Prof. Jie-Peng ZHANG, Sun Yat-Sen University, completed 2022)
Mr. WONG Chun Yin Jason (M.Phil., HKU, completed 2022)
Dr. WONG Ka Ho Eric (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2023)
Dr. FUNG Ho Ching Tony (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2023)
Dr. KWOK Wing Kei (Ph.D., HKU, completed 2023)
Dr. LI Zuoyi (Ph.D., Jilin University, completed 2023; co-supervised with Prof. Lixin WU, Jilin University)
Mr. HU Yingchao (M.S., Jilin University, completed 2023; co-supervised with Prof. Lixin WU, Jilin University)
Dr. CAO Jingjie (Ph.D., Jilin University, completed 2023; co-supervised with Prof. Lixin WU, Jilin University)
Dr. KWONG Ka Wai Gary (Ph.D., HKU, completed 2023)
Dr. AU YEUNG Chai Cathay (Ph.D., HKU, completed 2023)
Dr. LO Hei Yin Lianne (Ph.D., HKU, completed 2024)
Dr. ZHANG Huilan (Ph.D., Jilin University, completed 2024; co-supervised with Prof. Lixin

WU, Jilin University)
Dr. YEUNG Yuk Wa Jenny (Ph.D., HKU, completed 2025)
Dr. CHIU Lok Yi Priscilla (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2025)
Dr. WAN Ho Chuen Ivan (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship, completed 2025)
Miss CHAN Ho Ying Tracy (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship)
Mr. YEUNG Chun Ming Nicholas (Ph.D., HKU)
Miss SO Lok Yin Angela (Ph.D., HKU)
Miss GUO Jungu (Ph.D., HKU; C&CE GDLAB Joint PhD Educational Placement Program; co-supervised with Prof. Weihong Tan (Hunan University))
Mr. LI Shek Ning Rock (M.Phil., HKU)
Mr. CHIU Chun Yin Ian (Ph.D., HKU)
Mr. JIA Kaida (Ph.D., HKU)
Mr. IP Ki (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship & HKU Presidential Scholarship)
Miss LIE Pamela A. (Ph.D., HKU; RGC Hong Kong Ph.D. Fellowship & HKU Presidential Scholarship)
Mr. ZHUO Xingjian (Ph.D., HKU)
Mr. PUN Ho Ting Jackson (Ph.D., HKU)
Miss AN Chen (Ph.D., HKU)
Mr. RU Yu (Ph.D., HKU)
Mr. LEUNG Ho-Chi Domingo (Ph.D. HKU; HKU Presidential Scholarship)
Miss ZHANG Xinyue (Ph.D., HKU)

I am the co-supervisor of the following student :
Dr. YU Pui-Yin (Ph.D. completed 1998; co-supervised with Dr. A. Mayr (primary supervisor))
Dr. LU Xiao-Xia (Ph.D. completed 2000; co-supervised with Prof. Shenying Qin, Sichuan University (primary supervisor))
Dr. TSANG Ping Kuen Daniel (Ph.D. completed 2013; co-supervised with Dr. M.Y. Chan (primary supervisor))
Mr. LAM Ho Chuen (M.Phil. completed 2013; co-supervised with Dr. K.M.C. Wong (primary supervisor))
Dr. WONG Yi Chun (Ph.D., co-supervised with Dr. M.Y. Chan (primary supervisor))
Dr. CHEUNG Wai Lung Jay (Ph.D., co-supervised with Dr. M.Y. Chan (primary supervisor))
Dr. HU Yumei (Ph.D. completed 2024; HKU-SUSTech Joint PhD Program; co-supervised with Dr. K.M.C. Wong (SUSTech))
Mr. QIAN Zhiyuan (Ph.D.; HKU-SUSTech Joint PhD Program; co-supervised with Dr. K.M.C. Wong (SUSTech))

Thesis Prizes/Awards for Outstanding Graduate Students :

Li Ka Shing (LKS) Prizes
Dr. LEUNG Yu Lut (Ph.D., HKU, completed 2013; 2012-13)
Dr. CHAN Kwun Wa (Ph.D., HKU, completed 2015; 2014-15; Hong Kong PhD Fellowship)

Outstanding Research Postgraduate Student (ORPS) Awards
Dr. TAM Yiu Yan (Ph.D., HKU, completed 2009)
Dr. AU Ka Man (Ph.D., HKU, completed 2011)
Dr. YEUNG Ching Lam Margaret (Ph.D., HKU, completed 2013)
Dr. PO Charlotte (Ph.D., HKU, completed 2014; HKU University Postgraduate Fellowship)
Dr. YAO Liaoyuan (Ph.D., HKU, completed 2016)
Dr. LEE Chin Ho (Ph.D., HKU, completed 2019)
Dr. LEUNG Ming Yi (Ph.D., HKU; HKU University Postgraduate Fellowship, completed 2020)
Dr. YAN Liangliang (Ph.D., HKU, completed 2021)

Undergraduate Final Year Student Projects Supervision :
Miss WONG Mei-Tak, Teresa (1993-94; B.Sc. (First Class Hons.))
Mr. WONG Man-Chung, Keith (1994-95; B.Sc. (First Class Hons.))
Mr. KAI Sze-Fai, Alex (1994-95; B.Sc. (First Class Hons.))
Miss PUI Yung Lin (1995-96; B.Sc. (First Class Hons.))
Miss LI Chi Kwan (1997-98; B.Sc. (First Class Hons.))
Mr. KO Chi Chiu (1998-99; B.Sc. (First Class Hons.))
Mr. TAO Chi Hang (1999-2000; B.Sc. (First Class Hons.))
Miss LAM Chan Fung (2000-01; B.Sc. (First Class Hons.))

Mr. YIP Song Kong (2000-01; B.Sc. (First Class Hons.))
Miss TANG Hau San (2001-02; B.Sc. (First Class Hons.))
Mr. NG Ka Yuen (2003-04; B.Sc. (First Class Hons.))
Miss LO Hiu Suet (2003-04; B.Sc. (First Class Hons.))
Mr. LAM Siu Tung (2005-06; B.Sc. (First Class Hons.))
Mr. LAM Wan Yee, Brian (2005-06; B.Sc. (Second Class Division I Hons.))
Miss AU Ka Man (2006-07; B.Sc. (First Class Hons.))
Miss ZHANG Hua (2007-08; B.Sc. (First Class Hons.))
Miss PO Charlotte (2008-09; B.Sc. (First Class Hons.))
Mr. LEUNG Yu Lut (2008-09; B.Sc. (First Class Hons.))
Mr. YIM King Chin (2009-10; B.Sc. (First Class Hons.))
Mr. CHAN Kwun Wah Alan (2010-11; B.Sc. (First Class Hons.))
Mr. SIU Kin Lok Steven (2010-11; B.Sc. (First Class Hons.))
Mr. CHAN Ho Yeung Michael (2012-13; B.Sc. (First Class Hons.))
Miss LEUNG Ming Yi (2013-14; B.Sc. (First Class Hons.))
Mr. CHEUNG Fu Fai Andy (2014-15; B.Sc. (First Class Hons.))
Mr. McCLAY Alan (2014-15; M.Chem., University of Edinburgh (Exchange Placement))
Miss LIU Yangdongling (2015-16; B.Sc. (First Class Hons.))
Miss ANG Hwee Ting (2015-16; B.Sc. (First Class Hons.))
Mr. WONG Ka Ho Eric (2016-17; B.Sc. (First Class Hons.))
Mr. FUNG Ho Ching Tony (2016-17; B.Sc. (First Class Hons.))
Mr. TSE Yuen Cheong Richard (2016-17; B.Sc. (First Class Hons.))
Mr. POH Wei Church (2017-18; B.Sc., (First Class Hons.))
Miss BLACKHALL Natalie Louise (2017-18; M.Chem., University of Edinburgh (Exchange Placement))
Mr. YEUNG Chun Ming Nicholas (2019-20; B.Sc. (First Class Hons.))
Mr. WONG Chin Leong Hugo (2019-20; B.Sc. (First Class Hons.))
Mr. WONG Yin Pok George (2019-20; B.Sc. (First Class Hons.))
Miss SO Lok Yin Angela (2019-20; B.Sc. (First Class Hons.))
Mr. LI Shek Ning Rock (2020-21; B.Sc. (Second Class Division I Hons.))
Mr. LAU Chak Sing Jason (2020-21; B.Sc. (Second Class Division I Hons.))
Mr. IP Ki (2021-22; B.Sc. (First Class Hons.))
Mr. LIN Yen Hsu Zack (2022-23; B.Sc. (First Class Hons.))
Miss QIAN Junyi Chloe (2022-23; B.Sc. (First Class Hons.))
Mr. CHAN Chun Kit Oscar (2023-24; B.Sc. (First Class Hons.))
Mr. LI Hantao (2023-24; B.Eng. (First Class Hons.))

Academic Activities :

A. Invited Editorships :

Series, Books, Monographs and Special Issues

- Volume Editor of the volume on "Inorganic Photochemistry" in the series "*Comprehensive Inorganic Chemistry III*" published by Elsevier (2019-23)
- Volume Editor of the volume on "Coordination and Organometallic Chemistry" in the series "*Comprehensive Inorganic Chemistry II*" published by Elsevier (2010-13)
- Series Editor of the series "*Topics in Current Chemistry*" published by Springer (ISSN 0340-1022) (2015-)
- Series Editor of the book series "*Energy & Environment Series*" published by Royal Society of Chemistry (ISSN 2044-0774) (2016-22)
- Co-Guest Editor (together with Makoto Fujita and F. Dean Toste) of a Special Issue on Supramolecular Chemistry in Confined Space and Organized Assemblies of the journal *Accounts of Chemical Research* by American Chemical Society (ISSN 0001-4842) (2017-18)
- Co-Guest Editor of a Hong Kong Special Issue of the journal *Advanced Materials* published by VCH-Wiley (ISSN 0935-9648) (2013-14)
- Member of Advisory Board of the series *Progress in Inorganic Chemistry* published by John Wiley and Sons (ISSN 0079-6379) (2012-)
- Monograph Editor of "*WOLEDs and Organic Photovoltaics - Recent Advances and Applications*", Springer (ISBN 978-3-642-14934-4) (2009-10)
- Guest Editor of a Special Issue on "Inorganic Chemistry in Hong Kong" of the journal *Coordination Chemistry Reviews* published by Elsevier Science (ISSN 0010-8545) (2006-07)

- Volume Editor of the volume on "Photofunctional Transition Metal Complexes" in the series "*Structure and Bonding*" published by Springer (ISSN 0081-5993) (2005-07)
- Guest Editor of a Special Issue on "15th International Symposium on the Photochemistry and Photophysics of Coordination Compounds, Hong Kong, July '04" of the journal *Coordination Chemistry Reviews* published by Elsevier Science (ISSN 0010-8545) (2004-05)
- Guest Editor of a Special Issue on "6th National Conference on Coordination Chemistry (*cum* International Symposium on Coordination Chemistry)" of the journal *Science China Chemistry* (formerly *Science in China Series B: Chemistry*), Science China Press – Springer-Verlag (ISSN 1674-7291) (2009-10)
- Member of International Advisory Board of the *Encyclopedia of Inorganic Chemistry*, Second Edition, published by John-Wiley & Sons (2003-)
- Co-editor of a series entitled "*Advances in Transition Metal Coordination Chemistry*" published by the JAI Press Inc., Connecticut, USA (ISBN 1-55938-335-6)
- Member of Editorial Board of the series *Nano Science and Technology* published by Science Press, Beijing, P.R. China (2011-)

Journals

- Chief Editor for Chemistry of the new flagship multi-disciplinary open science journal *Natural Sciences* published by Wiley (ISSN 2698-6248) (2020-23)
- Associate Editor of the journal *Inorganic Chemistry* published by American Chemical Society (ISSN 0020-1669) (2008-20)
- Member of Editorial Advisory Board of the journal *Chemical Reviews* published by American Chemical Society (ISSN 0009-2665) (2016-25)
- Member of Advisory Board of the journal *Chemical Society Reviews* published by Royal Society of Chemistry (ISSN 0306-0012) (2019-23)
- Member of Editorial Advisory Board of the journal *Accounts of Chemical Research* published by American Chemical Society (ISSN 0001-4842) (2014-22; 2024-)
- Member of Editorial Advisory Board of the journal *Journal of the American Chemical Society* published by American Chemical Society (ISSN 0002-7863) (2015-23)
- Member of International Advisory Board of the journal *Angewandte Chemie* published by VCH-Wiley and owned by GDCh, German Chemical Society (2013-24)
- Member of Advisory Editorial Board of the journal *Chemical Science* published by Royal Society of Chemistry (new flagship journal of RSC) (2010-)
- Member of Advisory Board of the new journal *Chem* published by Cell Press (2015-24)
- Member of Advisory Board of the journal *Advanced Functional Materials* published by Wiley (2023-)
- Member of Editorial Advisory Board of the journal *ACS Central Science* published by American Chemical Society (ISSN 2374-7943) (2020-22)
- Member of Editorial Advisory Board of the journal *ACS Nano* published by American Chemical Society (ISSN 1936-0851) (2007-)
- Member of Advisory Board of the journal *Materials Horizons* published by Royal Society of Chemistry (2021-)
- Member of Editorial Advisory Board of the journal *Chemistry of Materials* published by American Chemical Society (ISSN 0897-4756) (2013-17)
- Member of Editorial Advisory Board of the journal *ACS Materials Letters* published by American Chemical Society (Web Edition ISSN 2639-4979) (2019-21)
- Member of Editorial Advisory Board of the journal *ACS Energy & Fuels* published by American Chemical Society (ISSN 0887-0624) (2022-24)
- Member of Asian Editorial Advisory Council for American Chemical Society (ACS) Publications (2016-22)
- Member of International Editorial Board of the journal *Coordination Chemistry Reviews* published by Elsevier Science (ISSN 0010-8545) (2004-)
- Member of Editorial Board of the journal *Philosophical Transactions of the Royal Society A - Mathematical, Physical and Engineering Sciences* published by the Royal Society, UK (ISSN 1364-503X) (2010-15)
- Co-Chair of the Editorial Advisory Board of the journal *ChemPhysChem*

published by Wiley-VCH (ISSN 1439-4235) (2018-22)
- Member of Editorial Advisory Board of the journal *ChemPhysChem* published by Wiley-VCH (ISSN 1439-4235) (2015-18; 2023-26)
- Member of International Advisory Board (IAB) of *Chemistry – An Asian Journal* published by Wiley-VCH (ISSN 1861-4728) (2018-25)
- Member of Editorial Advisory Board of the new premium multidisciplinary journal *Small Science* published by Wiley-VCH (2020-)
- Member of Executive Advisory Board of new interdisciplinary premium journal *Advanced Sensor Research* published by Wiley (2022-25)
- Member of Editorial Board of the new flagship journal *SmartMat* published by Wiley (2020-)
- Member of Editorial Board of the journal *Photochemical and Photobiological Sciences* (the official journal of the European Photochemistry Association) published by Royal Society of Chemistry (ISSN 1474-905X) (2013-)
- Member of inaugural Advisory Board of the new journal *Materials Chemistry Frontiers* published by The Royal Society of Chemistry (2016-18)
- Member of inaugural Editorial Advisory Board of the open access journal *ACS Omega* published by American Chemical Society (2016-)
- Member of Editorial Advisory Board of the open access journal *ChemistryOpen* published by ChemPubSoc Europe (2011-19)
- Member of International Editorial Board of the journal *Comments on Inorganic Chemistry* published by Taylor & Francis (ISSN 0260-3594) (2005-)
- Member of International Editorial Advisory Board of the journal *Organometallics* published by American Chemical Society (ISSN 0276-7333) (2006-08)
- Member of Editorial Board of the journal *New Journal of Chemistry* published by Royal Society of Chemistry (ISSN 1144-0546) (2004-09)
- Member of International Editorial Advisory Board of the journal *Inorganic Chemistry* published by American Chemical Society (ISSN 0020-1669) (2001-03)
- Member of International Editorial Advisory Board of the journal *Dalton Transactions* published by Royal Society of Chemistry (ISSN 1472-7773) (2002-07)
- Member of International Editorial Board of the journal *Gold Bulletin* published by the World Gold Council (ISSN 0017-1557) (2007-)
- Member of International Editorial Board of the journal *Nano Research* published by Springer (ISSN 1998-0124) (2008-)
- Member of the International Editorial Advisory Board of the journal *New Journal of Chemistry* published by Royal Society of Chemistry (ISSN 1144-0546) (2001-2003; 2010-)
- Member of International Editorial Advisory Board of the journal *Journal of Organometallic Chemistry* published by Elsevier Science (ISSN 0022-328X) (2004-)
- Member of International Editorial Advisory Board of the journal *Inorganica Chimica Acta* published by Elsevier Science (ISSN 0020-1693) (1999-)
- Member of Editorial Board of the journal *Journal of Photochemistry and Photobiology C: Photochemistry Reviews* (the official journal of the Japanese Photochemistry Association) published by Elsevier Science (ISSN 1389-5567) (2014-)
- Member of Editorial Board of the journal *Journal of Photochemistry and Photobiology A: Chemistry* published by Elsevier Science (ISSN 1010-6030) (2004-)
- Member of Editorial Board of the journal *Journal of Cluster Science* published by Springer Publisher (ISSN 1040-7278) (2005-)
- Member of Editorial Board of the new journal *National Science Review* published by the Chinese Academy of Sciences, Science Press and Oxford University Press (ISSN 2095-5138) (2012-27)
- Member of Advisory Board of the new flagship general chemistry journal *CCS Chemistry* of the Chinese Chemical Society (2018-26)
- Member of Editorial Board of the journal *Science in China B: Chemistry* (now *Science China Chemistry*) published by the Chinese Academy of Sciences and Science China Press, Beijing, P.R. China (ISSN 1674-7291) (2008-22)
- Member of Editorial Advisory Board of the journal *Chinese Journal of Inorganic Chemistry* published by the Chinese Chemical Society, Beijing, P.R. China (ISSN 1001-4861) (2005-)

- Member of Editorial Board of the journal *Progress in Chemistry* published by the Chinese Academy of Sciences, Beijing, P.R. China (ISSN 1005-281X) (2011-)
- Invited to serve on the Advisory Board of the journal *Materials Futures*, an affiliated journal of Songshan Lake Materials Laboratory and Institute of Physics, Chinese Academy of Sciences, Beijing, P.R. China published by IPO Publishing (ISSN 2752-5724) (2021-)
- Invited to serve on the Chemistry and Chemical Engineering Editorial Board of the journal *Fundamental Research* published by Science Foundation of China Publication Department, National Natural Science Foundation of China, Beijing, P.R. China (ISSN 2667-3258) (2021-26)
- Member of International Advisory Board of the journal *Chinese Journal of Chemistry* published by VCH-Wiley and in collaboration with Shanghai Institute of Organic Chemistry (ISSN 1614-7065) (2014-17)
- Member of Editorial Board of the journal *Chemical Journal of Chinese Universities* published by the Higher Education Press, Beijing, P.R. China (ISSN 0251-0790) (2007-)
- Member of Editorial Advisory Board of the quarterly journal *Photographic Science and Photochemistry* published by the Institute of Photographic Chemistry, The Chinese Academy of Sciences, Science Press, Beijing, P.R. China (ISSN 1000-3231) (1998-)
- Member of International Advisory Board of the journal *Journal of Chinese Chemical Society* (JCCS), published by Wiley-VCH and in collaboration with Chinese Chemical Society, Taipei (ISSN 2192-6549) (2016-26)

B. Plenary and Award Lectures at International Conferences :

- Plenary speaker to give a lecture at the 21st International Symposium on Novel Aromatic Compounds (ISNA-21), Beijing, August 2026
- Plenary speaker to give a lecture at the Royal Australian Chemical Institute (RACI) National Congress 2026, Perth, July 2026
- Plenary speaker to give a 40-minute lecture at the 60th Singapore Scientific Conference (SSC2025) – Forging a Sustainable Future Through Science & Technology, in commemoration of the 60th Anniversary of Singapore, Singapore, December 2025
- Plenary speaker to give a 60-minute lecture at Gold 2025, San Sebastian, Spain May 2025
- Invited Participant and Discussant to give a Statement Presentation at the 27th Solvay Conference on Chemistry - "Exploring Frontiers in Chemistry" in Session 1 - Chemical Complexity: From Materials to Complex Order, Brussels, Belgium, Ocober 2025
- Plenary speaker to give a 30-minute lecture at Fudan-ACS Publications Symposium: Optical Probes and Biomedical Imaging Symposium (OPBIS 2025), Shanghai, May 2025
- Plenary speaker to give a 45-minute lecture at PP2102 Light Controlled Reactivity of Metal Complexes (LCRMC) International Conference, Mainz, Germany, March 2025
- Plenary speaker to give a 45-minute lecture at the 29th IUPAC Symposium in Photochemistry (PhotoIUPAC 2024), Valencia, Spain, July 2024
- Plenary speaker to give a 45-minute lecture at the 12th Singapore International Chemistry Conference (SICC-12) - Building Chemistry: Bridging Disciplines, Singapore, December 2024
- Plenary speaker to give a 30-minute lecture at the 18th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC 2024), Hangzhou, May 2024
- Plenary speaker to give a 40-minute lecture at the 24th International Conference on Phosphorus Chemistry (ICPC24), Ningbo, November 2023 (postponed from 2020)
- Plenary speaker to give a 40-minute lecture at the 9th International Conference on Nanoscience & Technology (*ChinaNANO* 2023), Beijing, August 2023 (postponed from August 2021)
- Plenary speaker to give a 50-minute lecture at the 39th Biennial Meeting of the Spanish Royal Society of Chemistry (RSEQ), Zaragoza, Spain, June 2023
- 2022-23 Vilsmeier Lecturer to give a one-hour Vilsmeier Lecture in University of Regensburg, Germany, June 2023 (postponed from 2021-22)

- 2022-23 Bailar Medal Lecturer to give two one-hour Bailar Lectures in University of Illinois Urbana-Champaign, USA, April 2023
- 2022-23 Dow Lecturer to give a one-hour Dow Lecture in California Institute of Technology (Caltech), April 2023 (postponed from 2019-20)
- Presidential Award Lecturer to give a 40-minute Presidential Award Lecture at the 2023 Inter-American Photochemistry Society (I-APS) Meeting, Florida, January 2023 (Virtual)
- Japanese Photochemistry Association (JPA) Honda-Fujishima Award Lecturer to give a 35-minute Honda-Fujishima Award Lecture at the 2022 Annual Meeting on Photochemistry, Kyoto, September 2022 (Virtual)
- Plenary speaker to give a 45-minute lecture at the 24th International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC), Vancouver, Canada, July 2022 (Virtual; postponed from 2021)
- Plenary speaker to give a 45-minute lecture at the 2022 International Conference on Science and Technology of Synthetic Metals (ICSM2022), Glasgow, UK, July 2022 (Virtual; postponed from 2020)
- Plenary speaker to give a 50-minute lecture at the 2nd International Conference on Noncovalent Interactions (ICNI), Strasbourg, July 2022
- Plenary speaker to give a lecture at the RACI National Congress 2022, Royal Australian Chemical Institute, Brisbane, Australia, July 2022
- Plenary speaker to give a 30-minute lecture at the 7th International Conference on Molecular Sensors and Molecular Logic Gates (MSMLG 2022) *cum* 70th Birthday Celebration of AP de Silva, Dublin, July 2022 (Virtual)
- Plenary speaker to give a 40-minute lecture at the 5th International Conference on Organometallics and Catalysis (OM&Cat-5), Hong Kong, June 2022 (Virtual; postponed from 2020)
- Josef Michl ACS Award in Photochemistry Plenary Lecturer to give a 30-minute ACS 2022 National Award Address at the 2022 Spring National Meeting, San Diego, March 2022 (Virtual via Zoom)
- RIGAKU-ACCC Award Lecturer and Plenary speaker to give a 45-minute RIGAKU-ACCC Award Lecture at the 8th Asian Conference on Coordination Chemistry (ACCC-8), Taipei, August 2022 (Virtual; postponed from 2021)
- Plenary speaker to give a 30-minute lecture at the 14th Asian Conference on Organic Electronics (A-COE 2022), Macau, December 2022 (Virtual)
- Plenary speaker to give a 40-minute lecture at the PolyU 85th Anniversary PolyU Science Workshop Series - International Workshop on Organic and Perovskite Electronics, Hong Kong, September 2022
- Plenary speaker to give a 45-minute lecture at the eBIC - The SBIC Electronic Biological Inorganic Chemistry Meeting, July 2021 (Virtual)
- Plenary speaker to give a 40-minute lecture at the American Chemical Society (ACS)-University of the Chinese Academy of Sciences (UCAS) *JACS* Innovation Summit, Beijing, July 2021 (Virtual)
- Plenary keynote speaker to give a 45-minute lecture at the Swiss Nano-Convention 2020, Basel, Switzerland, July 2021 (Virtual; postponed from June 2020)
- Porter Medal Award Lecturer to give a 40-minute Porter Medal Award Lecture at the 11th Asian Photochemistry Conference (APC 2021), Seoul, Korea, November 2021 (Virtual; postponed from 2020)
- Federation of Asian Chemical Societies (FACS) Foundation Lecturer to give a 40-minute FACS Foundation Lecture at the 18th Asian Chemical Congress (ACC 2019), Taipei, December 2019
- Plenary speaker to give a 45-minute lecture at the 23rd International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC 2019), Hong Kong, July 2019
- Plenary speaker to give a 40-minute lecture at the 5th EuChemS Inorganic Chemistry Conference (EICC-5), European Chemical Society, Moscow, Russia, June 2019
- Plenary speaker to give a 45-minute lecture at the 4th International Conference on Advanced Complex Inorganic Nanomaterials (ACIN 2018), Namur, Belgium, July 2018
- Plenary speaker to give a 50-minute lecture at the XI International School on Organometallic Chemistry "Marcial Moreno Mañas" (MMM), EuCheMS ORFEO-CINQA Research Network, Oviedo, Spain, June 2018

- 2018 Charles F. Hutchison Memorial Lecturer to give three one-hour Charles F. Hutchison Memorial Lectures in the University of Rochester, USA, April 2018 (Hutchison Lectureship)
- Plenary speaker to give a 40-minute lecture at the International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC) in conjunction with ISACS: Challenges in Organic Materials & Supramolecular Chemistry, organized by the Royal Society of Chemistry (RSC), Cambridge, July 2017
- Plenary speaker to give a 50-minute lecture at the 6th Asian Conference on Coordination Chemistry (ACCC-6) and RACI Centenary Congress, Melbourne, Australia, July 2017
- Plenary speaker to give a 60-minute lecture at the 12th International Conference on Heteroatom Chemistry (ICHAC-2017), Vancouver, Canada, June 2017
- Plenary speaker to give a 35-minute lecture at the Tianjin University (TJU) International Symposium on Visionary Trends in Molecular Science (in honour of Sir J Fraser Stoddart and the other 2016 Nobel Laureates in Chemistry), Tianjin, February 2017
- Japan Society of Coordination Chemistry (JSCC) International Award Lecturer to give a 60-minute JSCC International Award Lecture at the Annual Meeting (66th Symposium) of Japan Society of Coordination Chemistry (JSCC), Fukuoka, Japan, September 2016
- RSC Ludwig Mond Award Lecturer to give 60-minute RSC Ludwig Mond Lectures in University of Newcastle, University of York and Imperial College London, United Kingdom, May 2016
- 2015-16 Julia S. and Edward C. Lee Memorial Lecturer to give two one-hour Lee Lectures in the University of Chicago, USA, April 2016 (Lee Lectureship)
- Plenary speaker to give a 45-minute lecture at the 5th Anniversary Meeting of Multi-Scale Integrative Chemistry (MiChem) Laboratory of Excellence (LabEx) of Sorbonne Universités, Université Pierre et Marie Curie, CNRS (Université Paris VI), Paris, June 2016
- Plenary speaker to give a 45-minute lecture at the inaugural ACS Publications Symposium: Innovation in Molecular Science, Beijing, October 2016
- Plenary speaker to give a 45-minute lecture at the 21st International Symposium on Photochemistry and Photophysics of Coordination Compounds (ISPPCC 2015), Kraków, Poland, July 2015
- Plenary speaker to give a 45-minute lecture at the 27th International Conference on Photochemistry (ICP-2015), Jeju Island, Korea, June 2015
- Plenary speaker to give a 60-minute lecture at the 7th Asian Biological Inorganic Chemistry Conference (AsBIC-7), Gold Coast, Queensland, Australia, November - December 2014
- Plenary speaker to give a 45-minute lecture at the 41st International Conference on Coordination Chemistry (ICCC-41), Singapore, July 2014
- Plenary speaker to give a one-hour lecture at the 26th International Conference on Organometallic Chemistry (ICOMC-2014), Sapporo, Japan, July 2014
- Plenary speaker to give a 40-minute lecture at the 26th International Conference on Organometallic Chemistry (ICOMC-2014) Pre-Symposium on Organometallic Chemistry and Future Innovation, Tokyo, Japan, July 2014
- PKU-Eli Lilly Award Lecturer to give a 50-minute lecture at the 7th PKU-Eli Lilly Symposium of Organic Chemistry, Peking University, Beijing, PR China, September 2014
- Plenary speaker to give a one-hour lecture at the Science Foundation Ireland (SFI) International Strategic Collaboration Program (ISCP) 2014 Ireland-China Nanotechnology Symposium, Dublin, Ireland, May 2014
- Plenary speaker to give a 45-minute lecture at the International Symposium on Advancing the Chemical Sciences (ISACS-10) - "Challenges in Supramolecular Chemistry and Organic Materials" organized by the Royal Society of Chemistry (RSC) for the flagship journal *Chemical Sciences*, Kyoto, June 2013
- Plenary speaker to give a 50-minute lecture at the 10th Anniversary of CeNTech (CeNTech Day) and NSFC-DFG Trans-regional Project (TRR61) Symposium, Center for NanoTechnology (CeNTech), Universität Münster, Germany, June 2013
- Plenary speaker to give a 30-minute lecture at the 3rd Chemical Science Symposium on Functional Supramolecular Materials (satellite Chemical Science Symposium of the International Symposium on Advancing the Chemical

Sciences (ISACS-10) - "Challenges in Supramolecular Chemistry and Organic Materials") organized by the Royal Society of Chemistry, Zhejiang University, Hangzhou, June 2013

- Plenary speaker to give a 45-minute lecture at the XXIVth IUPAC Symposium on Photochemistry, Coimbra, Portugal, July 2012
- Plenary speaker to give a 45-minute lecture at the 2012 International Conference on Science and Technology of Synthetic Metals (ICSM2012), Atlanta, USA, July 2012
- 2012-13 Glenn Seaborg Lecturer to give two one-hour Seaborg Lectures in University of California, Berkeley, USA, March 2013 (Seaborg Lectureship)
- 2012-13 Distinguished Asian Visiting Speaker to give a one-hour Distinguished Asian Visiting Speaker Lecture in University of Alberta, Canada, May 2014 (Distinguished Asian Visiting Speaker Lectureship Award)
- Plenary speaker to give a 45-minute lecture at the 19th International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC), Strasbourg, France, July 2011
- L'Oréal-UNESCO For Women in Science Award Lecturer to give a 20-minute L'Oréal-UNESCO For Women in Science Award Laureate Lecture at the French Academy of Sciences, Paris, March 2011
- Plenary speaker to give a one-hour lecture at the 39th International Conference on Coordination Chemistry (ICCC39), Adelaide, Australia, July 2010
- Plenary speaker to give a 45-minute lecture at the International Symposium on Advancing the Chemical Sciences (ISACS-3) on "Challenges in Inorganic and Materials Chemistry" organized by the Royal Society of Chemistry (RSC) for the inauguration of the new flagship journal *Chemical Sciences*, Hong Kong, July 2010
- Plenary speaker to give a one-hour lecture at the 42nd IUPAC Congress, Glasgow, UK, August 2009
- Plenary speaker to give a 45-minute lecture at the 4th EuCheMS Conference on Nitrogen Ligands in Coordination Chemistry, Metal Organic Chemistry, Bioinorganic Chemistry & Homogeneous Catalysis, Garmisch-Partenkirchen, Germany, August 2008
- Plenary speaker to give a 30-minute lecture at the 2nd Asian Conference on Chemosensors & Imaging Probes (Asian ChIP 2017), Beijing, October 2017
- Plenary speaker to give a 60-minute lecture at the FluoroFest, Horiba Scientific, Peking University, Beijing, April 2016
- Plenary speaker to give a 60-minute lecture at the 6th Asia-Oceania Conference on Sustainable and Green Chemistry (AOC–SGC6), City University of Hong Kong, November 2016
- Plenary speaker to give a lecture at the 2nd International Symposium on Aggregation-Induced Emission, Guangzhou, PR China, May 2015
- Plenary speaker to give a 45-minute lecture at the RSC Dalton Division/Singapore National Institute of Chemistry: Joint Inorganic Chemistry Conference, Singapore, January 2013
- Plenary speaker to give a 60-minute lecture at the 3rd Molecular Materials Meeting (M3) "Frontiers in Materials Science, Chemistry & Physics", IMRE, Singapore, January 2013
- Plenary speaker to give a 50-minute lecture at the 3rd Asian Conference on Coordination Chemistry (ACCC-3), New Delhi, India, October 2011
- Plenary speaker to give a 45-minute lecture at the PRESTO International Symposium on Chemical Conversion of Light Energy at the Annual Meeting of the Chemical Society of Japan, Osaka, March 2010
- Japan Photochemistry Association (JPA) Eikohsha Award Lecturer to give a 50-minute JPA Award Lecture at the JPA Annual Meeting, Sendai, September 2006
- Plenary speaker to give a 30-minute lecture at the Gold 2006, Limerick, Ireland, September 2006
- RSC Centenary Lecturer to give a 50-minute RSC Centenary Lecture in the Dalton Division Symposium on Supramolecular Photochemistry for the Award Lecture and Presentation of Medals, School of Chemistry, University of Nottingham, United Kingdom, May 2006
- Plenary speaker to give a 40-minute lecture at the 35th International Conference on Coordination Chemistry (ICCC35), Heidelberg, Germany, July 2002
- Plenary speaker to give a 50-minute lecture at the XVIth FECHEM Conference

on Organometallic Chemistry (organized by the Federation of European Chemical Societies and Professional Institutions (FECS)), Budapest, Hungary, September 2005

- Plenary speaker to give a 45-minute lecture at the 11th International Symposium on Novel Aromatic Compounds (ISNA-11), Newfoundland, Canada, August 2005
- Divisional Plenary speaker to give a 40-minute lecture at the Australian Chemical Institute's National Convention Meeting (Connect 05), Sydney, Australia, July 2005
- Plenary speaker to give a 40-minute lecture at the International Symposium on Molecular Materials and Organometallics (MOLMAT 2004), Rennes, France, May 2004
- Plenary speaker to give a 60-minute lecture at the One-Day International Meeting on "Some Emerging Trends in Chemistry at the Molecular Level", Melbourne, Australia, March 2004
- Plenary Lecture to give a 50-minute lecture at the Institute for Advanced Studies (IAS) International Conference on Energy Materials, Hong Kong University of Science and Technology (HKUST), January 2026
- Plenary speaker to give a 30-minute lecture at the 7th Japan- Singapore- Taiwan-Hong Kong Quadrilateral Symposium on Coordination Chemistry (QSCC2025), Hsinchu, January 2025
- Plenary speaker to give a 40-minute lecture at the International Symposium on Dynamic Chemistry and Smart Materials, Shanghai, Nov 2024
- Plenary speaker to give a 30-minute lecture at the 4th Molecular Nanotechnology Symposium (MNS2024) (Post-ISMSC Symposium) at East China Normal University (ECNU), Shanghai. May 2024
- Plenary speaker to give a 30-minute lecture at the Rebek Symposium (Post-ISMSC Symposium) at Shanghai University (SHU), Shanghai. May 2024
- Plenary speaker to give a 60-minute lecture at the ACS Nano Summit in celebration of the 30th Anniversary of the City University of Hong Kong (CityU), Hong Kong, May 2024
- Plenary speaker to give a 45-minute lecture at the UK-HK (China) Symposium - Inorganic Chemistry for Life, Hong Kong, November 2023
- Distinguished (Keynote) speaker to give a 40-minute lecture at the PolyU Faculty of Science Symposium on "Chemistry for a Sustainable Future: Innovation and Challenges" , Hong Kong, November 2023
- Plenary Memorial Scientific Lecturer to give a lecture at the 30th Asian Photochemistry Conference (APC2026) to celebrate the 30th Anniversary of APC and the 50th Anniversary of Japan Photochemistry Association (JPA), Kobe, Japan, September 2026
- Plenary speaker to give a 40-minute lecture at the 16th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 13th International Symposium on Chinese Inorganic Chemists (ISCIC-13), Beijing, August 2023 (Postponed from August 2020)
- Plenary speaker to give a 40-minute lecture at the 9th Asian Photochemistry Conference 2016 (APC 2016), Singapore, December 2016 (APA Masuhara Award Lectureship)
- Plenary speaker to give a 30-minute lecture at the International Conference on Display Technology (ICDT), Fuzhou, February 2017
- Plenary speaker to give a 40-minute lecture at the 12th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 9th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Lanzhou, August 2012
- Plenary speaker to give a 40-minute lecture at the 11th National Conference on Solid State Chemistry and Inorganic Synthesis joint with the 2nd Dalton Transactions International Symposium, Shanghai, November 2010
- Plenary speaker to give a 40-minute lecture at the International Workshop on Organic Photoswitchable Multifunctional Molecules and Materials, Shanghai, PR China, October 2009
- Plenary speaker to give a 40-minute lecture at the Fifth Asian Photochemistry Conference (APC), Beijing, PR China, November 2008
- Plenary speaker to give a 35-minute lecture at the 4th International Conference on Photoresponsive Organics and Polymers (ICPOP-2008), Hangzhou, PR China, October 2008
- Plenary speaker to give a 45-minute lecture at the Third Asian Photochemistry

Conference (APC), Mumbai, India, January 2002
- Plenary speaker to give a 30-minute lecture at the 9th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 6th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Singapore, December 2006
- Plenary speaker to give a 50-minute lecture at the 4th International Symposium for Chinese Inorganic Chemists, Taipei, November 2002
- Plenary speaker to give a 30-minute lecture at the 3rd International Symposium on Organo-Metals, Metal Complexes and Catalysis (OMC-III), Harbin, PR China, August 1998
- Plenary speaker to give a 40-minute lecture at the Asian Photochemistry Conference (APC), HKUST, Hong Kong, June 1996

C. Keynote/Session Lectures at International Conferences :
- Keynote speaker to give a lecture at the 31st International Conference on Organometallic Chemistry (ICOMC 2026), Armação dos Búzios, Rio de Janeiro, Brazil, August 2026
- Keynote speaker to give a lecture at the 31st International Conference on Coordination Chemistry (ICCC 2026), Odense, Denmark, June 2026
- Keynote speaker to give a lecture at the ACS150 *JACS* Symposium "Functional Materials for Sustainable Development: Transforming Energy and Health", CCS Congress, Chongqing, April 2026
- Keynote speaker to give a 30-minute lecture at the IUPAC 2025 Congress (with the theme of "Chemistry for Sustainable Future"), in conjunction with 53rd IUPAC General Assembly (53GA) and 50th World Chemistry Congress (50WCC), Kuala Lumpur, Malaysia, July 2025
- Keynote speaker to give a 30-minute lecture at the 10th International Conference on Nanoscience & Technology (*ChinaNANO* 2025), Female Scientists Forum, Beijing, August 2025
- (Plenary) Keynote speaker to give a 30-minute lecture at the *CCS Chemistry* Spotlight Symposium at the 12th Singapore International Chemistry Conference (SICC-12) - Building Chemistry: Bridging Disciplines, Singapore, December 2024
- Keynote (Plenary) speaker to give a 40-minute lecture at the 10th International Symposium on Photochromism 2023 (ISOP 2023), Nara, Japan, November 2023
- Keynote speaker to give a 30-minute lecture entitled "Harnessing of Excited States - From Molecular Design To Supramolecular Assembly, Nanostructures and Functions" at the Future Science Prize Science Symposium, Virtual Symposium, October 2022
- Keynote speaker to give a 40-minute lecture at the symposium entitled "Synthetic Receptors in Biological Systems" at the International Chemical Congress of Pacific Basin Societies (Pacifichem 2020), Honolulu, Hawaii, December 2021 (Virtual via Zoom; posponed from 2020)
- Invited Keynote speaker to give a 60-minute lecture at the symposium entitled "Triggering Assembly of Functional Supramolecular Coordination Complexes" at the International Chemical Congress of Pacific Basin Societies (Pacifichem 2020), Honolulu, Hawaii, December 2021 (Virtual; postponed from 2020)
- Keynote speaker to give 25-minute webinar at the "Spotlights in Small Science" Virtual Symposium, Small Science, Wiley, Germany, November 2021
- (Plenary) Keynote speaker to give a 45-minute lecture at the Swiss Nano-Convention 2021 (SNC 2021), Basel, Switzerland, June 2021 (Virtual; postponed from 2020)
- Keynote speaker to give 45-minute webinar at the Gold 2022 Webinar Series, Quebec, Canada, January 2021 (Virtual)
- Keynote speaker to give 40-minute webinar at the ACS Science Live: Virtual Lecture Series on Advancing Energy Conversion, Capture, & Storage, sponsored by *ACS Energy Letters*, *ACS Applied Energy Materials*, and *Energy & Fuels*, December 2020 (Virtual)
- (Plenary) Keynote speaker to give a 45-minute lecture at the SupraChem 2019, Center for Nanosystems Chemistry, Universität Würzburg, Würzburg, February 2019
- Keynote speaker to give a 40-minute lecture at the International Symposium on Molecular Design of Optoelectronic Materials (in honor of Prof. Jean-Luc Brédas on the occasion of his 65th Birthday), Beijing, May 2019

- Keynote speaker to give a 25-minute lecture at the 43rd International Conference on Coordination Chemistry (43rd ICCC), Session 3 (S3) Coordination Chemistry for Energy and Environment, Sendai, Japan, July 2018
- Keynote speaker to give a 30-minute lecture at the 10th Asian Photochemistry Conference 2018 (APC 2018), Taipei, December 2018
- Keynote speaker to give a 35-minute lecture at the International Symposium on Molecular Design of Optoelectronic Materials (in honor of Prof. Jean-Luc Brédas on the occasion of his 65th Birthday), ICCAS, Beijing, PR China, May 2019
- Keynote speaker to give a 25-minute lecture at the International Symposium on Advanced Molecular Sciences, East China University of Science and Technology (ECUST), Shanghai, PR China, October 2018
- Keynote Invited speaker to give a 30-minute lecture at the 2nd International Conference of Molecular Engineering of Polymers (MEP-2), SKL of Molecular Engineering of Polymers, Fudan University, Shanghai, September 2018
- Keynote speaker to give a 35-minute lecture at the 16th International Meeting on Boron Chemistry (IMEBORON XVI), Chinese University of Hong Kong, July 2017
- Keynote speaker to give a 45-minute lecture at the Inaugural ACS International Symposium, in conjunction with the 60th Anniversary Celebration of the Institute of Chemistry, Chinese Academy of Sciences (ICCAS), Beijing, October 2016
- Keynote speaker to give a 30-minute lecture at the 14th International Symposium for Chinese Organic Chemists (ISCOC-14) and the 11th International Symposium for Chinese Inorganic Chemists (ISCIC-11), Singapore, December 2016
- Keynote speaker to give a 45-minute lecture at the ACS Annual Conference of Editors, San Diego, California, January 2016
- Golden Jubilee Lecture to give a 30-minute lecture at the Golden Jubilee Chemistry Conference – Commemorating Singapore's 50th Birthday, Singapore, August 2015
- Keynote speaker to give a 40-minute lecture at Gold 2015, Cardiff, UK, July 2015
- Keynote speaker to give a 60-minute lecture at the Dorothy Crowfoot-Hodgkin (DCH) symposium, coorganized by University of Zurich and ETH-Zurich, Zurich, Switzerland, October 2014
- Keynote speaker to give a 45-minute lecture at the Georgia Institute of Technology Center for Organic Photonics and Electronics (COPE) 10th Anniversary Symposium, Atlanta, USA, March 2014
- Keynote speaker to give a 30-minute lecture at the 12th International Symposium on Applied Bioinorganic Chemistry (ISABC12), Guangzhou, December 2013
- Keynote speaker to give a 40-minute lecture at the 41st International Conference on Coordination Chemistry (ICCC-41) Thematic Pre-Symposium on "Frontiers in Inorganic Chemistry", Hong Kong, July 2014
- Keynote speaker to give a 30-minute lecture at the 4th Asian Conference on Coordination Chemistry (4th ACCC), Jeju Island, Korea, November 2013
- Keynote speaker to give a 30-minute lecture at the International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC-2012), Otago, New Zealand, January 2012
- Keynote speaker to give a 35-minute lecture at the 5th Asian Biological Inorganic Chemistry Conference (AsBIC-V), Kaohsiung, Taiwan, November 2010
- Keynote speaker to give a 45-minute lecture at the Singapore International Chemical Conference 6 (SICC6) - Chemical Synthesis: Creativity and Applications, Singapore, December 2009
- Keynote speaker to give a 30-minute lecture at the 2nd Asian Conference on Coordination Chemistry (2nd ACCC), Nanjing, PR China, November 2009
- Keynote speaker to give a 30-minute lecture at the 1st Asian Conference on Coordination Chemistry (1st ACCC), Okazaki, Japan, July 2007
- Keynote speaker to give a 30-minute lecture at the 17th International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC), Dublin, Ireland, June 2007
- Keynote speaker to give a 30-minute lecture at the 37th International Conference on Coordination Chemistry (37th ICCC), Cape Town, South Africa, August 2006
- Invited sessional speaker to give a 40-minute lecture at the XXIst International

Conference on Organometallic Chemistry (ICOMC), Vancouver, Canada, July 2004
- Invited keynote speaker to give a 50-minute lecture at the Xiangshan Science Conference on Molecular Nano-Technology and Self-Assembly of Metallo-Nanosystems, Beijing, November 2003
- Invited keynote speaker to give a 40-minute lecture at the 39th IUPAC Congress and 86th Conference of the Canadian Society for Chemistry, Ottawa, Canada, August 2003
- Invited session speaker to give a 30-minute lecture at the Gold 2003, Vancouver, Canada, September 2003
- Invited keynote speaker to give a 45-minute lecture at the International Conference on Nano-Science of Advanced Metal Complexes, Institute for Molecular Science, Okazaki National Research Institutes, Okazaki, Japan, March 2003
- Invited keynote speaker to give a 50-minute lecture at the Euresco Conference on Molecular Rods, Wires and Switches, San Feliu de Guixols, Spain, September 2002
- Keynote speaker to give a 30-minute lecture at the 3rd Conference for Worldwide Chinese Young Chemists (CWCYC-3), Xiamen, PR China, December 2000
- Invited Golden Jubilee Session Lecturer to give a 30-minute lecture at the 34th International Conference on Coordination Chemistry (ICCC34), Edinburgh, UK, July 2000
- Keynote speaker to give a 30-minute lecture at the Seventh International Conference on the Chemistry of the Platinum Group Metals, Nottingham, UK, July 1999
- Invited keynote speaker to give a 40-minute lecture at the 12th International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC), Vermont, USA, June 1997

D. Invited Lectures at International Conferences :

(i) <u>*Overseas*</u>
- Invited speaker to give a 30-minute lecture at the symposium entitled "Frontiers of Catalysis and Functional Materials: Recognizing the International Contributions of Tobin J. Marks" in the 2025 International Chemical Congress of Pacific Basins Societies (Pacifichem 2025), Honolulu, USA, December 2025
- Invited speaker to give a 30-minute lecture at the symposium entitled "Photofunctions of Metal Complexes: From Fundamental Aspects to Applications" in the 2025 International Chemical Congress of Pacific Basins Societies (Pacifichem 2025), Honolulu, USA, December 2025
- Invited (contributed) speaker to give a 30-minute lecture at the symposium entitled "Opening Future in Triggered Assembling Functional Supramolecular Coordination Compounds" in the 2025 International Chemical Congress of Pacific Basins Societies (Pacifichem 2025), Honolulu, USA, December 2025
- Invited speaker to give a 50-minute Closing Lecture at the Gordon Research Conference on Photochemistry, Maine, USA, July 2023
- Invited speaker to give a 25-minute lecture at the Pacifichem 2020 Soft Crystals Pre-symposium - 3rd International Symposium on Soft Crystals (3rd ISSC) *cum* 4th International Symposium on Photofunctional Chemistry of Complex Systems (ISPCCS2020), Kona, Hawaii, December 2021 (Virtual; postponed from 2020)
- Invited speaker to give a lecture at the Society for Information Display (SID) Display Week 2020 Annual SID International Symposium, San Francisco, USA, June 2020
- Invited speaker to give a 30-minute lecture at the 18th Asian Chemical Congress (ACC 2019) at the 2nd ACES & GDCh Symposium, Taipei, December 2019
- Invited speaker to give a 20-minute lecture at the 19th International Conference on Biological Inorganic Chemistry (ICBIC-19), Interlaken, Switzerland, August 2019
- Invited speaker to give a 25-minute lecture at the 47th IUPAC World Chemistry Congress (WCC) (IUPAC100), Symposium CT3: “Chemistry across the Themes” - Hot Topics in Chemistry: A better world through chemistry, Paris, July 2019
- Invited speaker to give a 40-minute lecture at the Gordon Research Conference on "Artificial Molecular Switches and Motors", New Hampshire, USA, June 2019

- Invited speaker to give a 20-minute lecture at the 5th Japan-Taiwan-Singapore-Hong Kong Quadrilateral Symposium on Coordination Chemistry (QSCC2019) Joint Symposium with Japan Society of Coordination Chemistry (JSCC) and Japan Society for Molecular Science (JSMS), Nagoya, Japan, September 2019
- Invited speaker to give a 30-minute lecture at the 2nd International Symposium on Soft Crystals (Pre-Symposium of ISPPCC 2019), Chiba, Japan, July 2019
- Invited speaker to give a 25-minute lecture at the 12th International Symposium on Chinese Inorganic Chemists (ISCIC-12), Taipei, October 2018
- Invited speaker to give a 30-minute lecture at the Pre-Symposium of 43rd International Conference on Coordination Chemistry (43rd ICCC) on Soft Crystals, Sendai, Japan, July 2018
- Invited speaker to give a 25-minute lecture at the 24th International Conference on Science and Technology of Synthetic Metals (ICSM 2018), Busan, Korea, July 2018
- Invited speaker to give a 30-minute lecture at the ACS Workshop on Nano-, Meso- and Microstructured Materials for Energy, Electronics and Biotechnology, SUSTech, Shenzhen, PR China, April 2018
- Invited speaker to give a 40-minute lecture at the 2017 International Symposium on Bio-related Chemistry (ISBC), Kyoto, December 2017
- Invited speaker to give a 40-minute lecture at the Molecular Machines Nobel Prize Conference, Groningen, the Netherlands, November 2017
- Invited speaker to give a 30-minute lecture at the symposium entitled "Advances in Organic Light-Emitting Diodes" in the 2015 International Chemical Congress of Pacific Basins Societies (Pacifichem 2015), Honolulu, USA, December 2015
- Invited speaker to give a 30-minute lecture at the symposium entitled "Non-covalent Interactions in Coordination Systems" in the 2015 International Chemical Congress of Pacific Basins Societies (Pacifichem 2015), Honolulu, USA, December 2015
- Invited keynote speaker to give a 30-minute lecture at the symposium entitled "Aggregation Induced Emission: Materials and Applications" in the 2015 International Chemical Congress of Pacific Basins Societies (Pacifichem 2015), Honolulu, USA, December 2015
- Invited speaker to give a 25-minute lecture at the 8th International Symposium on Photochromism 2016 (ISOP 2016), East China University of Science and Technology (ECUST), Shanghai, China, November 2016
- Invited speaker to give a 20-minute lecture at the 42nd International Conference on Coordination Chemistry (ICCC-42), Symposium No. S15 “Metal Complexes for Optics: From Fundamental to Applications”, Brest, France, July 2016
- Invited speaker to give a 20-minute lecture at the ICCC2016 Satellite Meeting (under the auspices of the Rennes-Durham-Canberra International Programs and in honor of Claude Lapinte) on Metal Acetylides, Brest, France, July 2016
- Invited speaker to give a 60-minute lecture at the 2016 Gordon Research Conference on Solar Energy Conversion, Hong Kong University of Science and Technology, July 2016
- Invited speaker to give a 25-minute lecture at the International Conference on Science and Technology of Synthetic Metals (ICSM2016), Guangzhou, China, June 2016
- Invited speaker to give a 40-minute lecture at the 2014 International Symposium on Supramolecular Chemistry & Functional Materials [CEMS (2014 CEMSupra)], RIKEN, Tokyo, Japan, December 2014
- Invited speaker to give a 40-minute lecture at the 2014 Gordon Research Conference on Hybrid Electronic and Photonic Materials and Phenomena, Hong Kong University of Science and Technology, June 2014
- Invited speaker to give a lecture at the symposium entitled “Organic and Polymeric Materials for Semiconductor Applications” at the 2014 Materials Research Society (MRS) Spring Meeting, San Francisco, USA, April 2014
- Invited speaker to give a lecture at the symposium entitled “Conjugated Polymers for Optoelectronics and Electronics and Biosensors” at the 247th National Meeting of the American Chemical Society, Dallas, USA, March 2014
- Invited speaker to give a lecture at the symposium entitled “Inorganic Supramolecular Chemistry” at the 247th National Meeting of the American Chemical Society, Dallas, USA, March 2014
- Invited speaker to give a lecture at the International Symposium on Coordination

Programming of Grant-in Aid for Scientific Research on Innovative Areas, Tokyo, January 2014

- Invited speaker to give a 30-minute lecture at the symposium entitled Functional Coordination Complexes" at the 15th Asian Chemical Congress (ACC), Singapore, August 2013
- Invited speaker to give a 20-minute lecture at the symposium on S & T Development in China at the 12th General Conference and 23rd General Meeting of TWAS, Tianjin, September 2012
- Invited speaker to give a 30-minute lecture at the symposium entitled "International Year of Chemistry Symposium: Metal-Containing and Metallo-Supramolecular Polymers and Materials IV" at the 242th National Meeting of the American Chemical Society, Denver, USA, August 2011
- Invited speaker to give a 30-minute lecture at the symposium entitled "Fifty Years of Inorganic Chemistry: A Celebration of Past, Present, and Future" at the 242th National Meeting of the American Chemical Society, Denver, USA, August 2011
- Invited speaker to give a 30-minute lecture at the XXV International Conference on Photochemistry (ICP2011), Beijing, August 2011
- Invited speaker to give a 30-minute lecture at the symposium entitled "Synthesis and Processing of Organic and Polymeric Materials for Semiconductor Applications" at the 2011 Materials Research Society (MRS) Spring Meeting, San Francisco, USA, April 2011
- Invited speaker to give a 30-minute lecture at the symposium entitled "Supramolecular Photochemistry" at the 2010 International Chemical Congress of Pacific Basin Societies (Pacifichem 2010), Honolulu, Hawaii, USA, December 2010
- Invited speaker to give a 30-minute lecture at the symposium entitled "The Construction of Photofunctional Supramolecular Metal Complexes" at the 2010 International Chemical Congress of Pacific Basin Societies (Pacifichem 2010), Honolulu, Hawaii, USA, December 2010
- Invited speaker to give a 45-minute lecture at the 2013 Oesper Symposium, Cincinnati, USA, October 2013
- Invited speaker to give a 40-minute lecture at the Second Dalton Transactions International Symposium on Solid-State and Molecular Functional Inorganic Materials, Hong Kong , November 2010
- Invited speaker to give a 30-minute lecture at "Robert Bau Memorial Symposium" at the 11th International Symposium for Chinese Organic Chemists (ISCOC-11) and the 8th International Symposium for Chinese Inorganic Chemists (ISCIC-8), Taipei, October 2010
- Invited speaker to give a 30-minute lecture at the International Conference on Electroluminescence (ICEL2010), Ann Arbor, Michigan, USA, October 2010
- Invited speaker to give a 30-minute lecture at the Organometallics symposium in honor of Dietmar Seyferth at the 240th National Meeting of the American Chemical Society, Boston, USA, August 2010
- Invited speaker to give a lecture at the Post-ISMSC Satellite Meeting - International Symposium on Nano-Bio Molecular Assembly: Post-conference of 5th International Symposium on Macrocyclic and Supramolecular Chemistry 2010 (post V ISMSC 2010), Seoul, Korea, June 2010
- Invited speaker to give a 30-minute lecture at the International Symposium on Macrocyclic and Supramolecular Conference (ISMSC 2010), Nara, Japan, June 2010
- Invited speaker to give a lecture at the "Frontiers in the Photocatalysis and Photochemistry of Advanced Materials", Asian Academic Seminar 2009, Kanagawa Science Park, Japan, March 2009
- Invited speaker to give a 35-minute lecture at the symposium entitled "New Trends of Photofunctional Metal Complexes" at the Annual Meeting of the Japanese Society of Coordination Compounds, Kanazawa, Japan, September 2008
- Invited speaker to give a 35-minute lecture at the International Karlsruhe Nanoscience Workshop: Symposium on Metal-Rich Compounds, Karlsruhe, Germany, October 2007
- Invited speaker to give a 20-minute lecture at the Symposium on "Metal-Containing and Metallo-Supramolecular Polymers and Materials" at the

American Chemical Society (ACS) National Meeting, Boston, USA, August 2007
- Invited speaker to give a 30-minute lecture at the symposium entitled "Hybrid Functional Materials for Optical Applications" at the 2007 Materials Research Society (MRS) Spring Meeting, San Francisco, USA, April 2007
- Invited speaker to give a 30-minute lecture at the France-Japan Symposium on Molecular Materials: Electronics, Photonics and Spintronics (CNRS-JSPS), Rennes, France, March 2006
- Invited speaker to give a 2-hour lecture at the First France-Japan Advanced School on Chemistry and Physics of Molecular Materials (CNRS-JSPS), Rennes, France, March 2006
- Invited speaker to give a 30-minute lecture at the symposium entitled "The Heavy Glow: Metal Complexes for Electrophosphorescent OLEDs" at the 2005 International Chemical Congress of Pacific Basin Societies (Pacifichem 2005), Honolulu, Hawaii, USA, December 2005
- Invited speaker to give a 30-minute lecture at the symposium entitled "The New Age of Advanced Materials: The Integration of Supramolecular/Macromolecular Chemistry and Biotechnology" at the 2005 International Chemical Congress of Pacific Basin Societies (Pacifichem 2005), Honolulu, Hawaii, USA, December 2005
- Invited speaker to give a 30-minute lecture at the IEEE Lasers and Electro-Optics Society (LEOS) 2005, Sydney, Australia, October 2005
- Invited speaker to give a 45-minute lecture at the 4th Taiwanese OLED and PLED Association (TOPLEDA) International Workshop, Academia Sinica, Taipei, November 2005
- Invited speaker to give a 40-minute lecture at the symposium entitled "Frontiers of Inorganic Photochemistry and Spectroscopy" at the 229th National Meeting of the American Chemical Society, San Diego, USA, March 2005
- Invited speaker to give a 30-minute lecture at the symposium entitled "New Horizon in Organometallics" at the 11th Asian Chemical Congress (ACC), Seoul, Korea, August 2005
- Invited speaker to give a 25-minute lecture at the joint Royal Society of Chemistry/Korean Chemical Society symposium entitled "Chemistry in Electronics" at the 11th Asian Chemical Congress (11th ACC), Seoul, Korea, August 2005
- Invited speaker to give a 30-minute lecture at the symposium entitled "Organic and Nanocomposite Optical Materials" at the 2004 Materials Research Society (MRS) Fall Meeting, Boston, USA, November 2004 (Supported by the Window on Science (WOS) program)
- Invited speaker to give a 30-minute lecture at the Symposium on Polymer and Molecular Electronics and Devices, Singapore, January 2005
- Invited speaker to give a 30-minute lecture at the 5th JOM symposium entitled "Frontiers in Organometallic Chemistry" at the 226th National Meeting of the American Chemical Society, New York, USA, September 2003
- Invited speaker to give a 30-minute lecture at the symposium entitled "Carbon-Rich Organometallics" at the 226th National Meeting of the American Chemical Society, New York, USA, September 2003
- Invited speaker to give a 30-minute lecture at the symposium entitled "Photochemistry and Photofunction of Coordination Compounds" at the 21st International Conference on Photochemistry (ICP), Nara, Japan, July 2003
- Invited speaker to give a 30-minute lecture at the Satellite Symposium of the 21st International Conference on Photochemistry (ICP) entitled "Symposium on Photochemistry and Photobiology of Complexes Including Supramolecular Systems and Coordination Compounds", Kusatsu, Japan, August 2003
- Invited speaker to give a 40-minute lecture at the 2001 Gordon Research Conference on Organometallic Chemistry, Newport, Rhode Island, USA, July 2001
- Invited speaker to give a 20-minute lecture at the Singapore International Chemical Conference (SICC-2) – Frontiers in Chemical Design and Synthesis, Singapore, December 2001
- Invited speaker to give a 30-minute lecture at the International Symposium on the 21st Century Photochemistry, Kanazawa, Japan, September 2001
- Invited speaker to give a 30-minute lecture at the symposium entitled "Emerging Display Technology – Materials and Devices (Organic Display Technology)" at the

International Conference on Materials for Advanced Technologies (ICMAT-2001), Singapore, July 2001

- Invited speaker to give a 30-minute lecture at the symposium entitled "Molecular and Supramolecular Photochemistry" at the 2000 International Chemical Congress of Pacific Basin Societies (Pacifichem 2000), Honolulu, Hawaii, USA, December 2000
- Invited speaker to give a 30-minute lecture at the symposium entitled "The Inorganometallic Chemistry of Group 13 – 16 Elements" at the 2000 International Chemical Congress of Pacific Basin Societies (Pacifichem 2000), Honolulu, Hawaii, USA, December 2000
- Invited speaker to give a 30-minute lecture at the XVIII-IUPAC Symposium on Photochemistry into the New Century, Dresden, Germany, July 2000
- Invited speaker to give a 30-minute lecture at the US-German-French Workshop on Carbon-Rich Organometallic Compounds, Erlangen, Germany, July 2000
- Invited speaker to give a 30-minute lecture at the Second Asian Photochemistry Conference (APC), Taejon, Korea, June 1999
- Invited speaker to give a 40-minute lecture at the 1997 Gordon Research Conference on Inorganic Chemistry, Newport, Rhode Island, USA, July 1997
- Invited speaker to give a 30-minute lecture at the 1995 International Chemical Congress of Pacific Basins Societies (Pacifichem 1995), Honolulu, USA, December 1995
- Invited speaker to give a 30-minute lecture at the International Symposium on "New Trends in the Photochemistry of Coordination Compounds", The Institute of Physical and Chemical Research (RIKEN), Japan, July 1993

(ii) *Mainland China*

- Invited speaker to give a 35-minute lecture at the 9th Grubbs Symposium – Innovation, Collaboration, and Sustainable Development, Southern University of Science and Technology, Shenzhen, PR China, April 2025
- Invited speaker to give a 30-minute lecture at the Sino-Dutch Symposium on Advanced Materials, South China Normal University, Guangzhou, PR China, May 2019
- Invited speaker to give a 35-minute lecture at the Lehn Institute of Functional Materials Inauguration Ceremony and International Advanced Functional Materials Symposium, Sun Yat Sen University, Guangzhou, PR China, November 2012
- Invited speaker to give a 35-minute lecture at the Prof. Henry Nai-Ching Wong's 60th Birthday Symposium, Peking University School of Chemical Biology & Biotechnology, Shenzhen, PR China, November 2010
- Invited speaker to give a 30-minute lecture at the First National Natural Science Foundation of China Conference on Nano- and Bio- Sciences, Qingdao, PR China, May 2005
- Invited speaker to give a 30-minute lecture at the Sino-French Symposium for Advanced Chemistry and its Applications (SFSACA), Xiamen, PR China, October 2004
- Invited speaker to give a 30-minute lecture at the Xiangshan Science Conference on Functional Supramolecular Systems: Micro- and Nano-Structures as Tools for Materials Science and Biotechnology (XSCSS 2004), Changchun, PR China, September 2004
- Invited speaker to give a 30-minute lecture at the Eighth Asian Chemical Congress (8ACC '99), Taipei, November 1999
- Invited speaker to give a 30-minute lecture at the 2nd Symposium of Young Chinese Scholars on Materials Science and Technology, Hangzhou, PR China, October 1999
- Invited speaker to give a 30-minute lecture at the 2nd World-wide Symposium on Inorganic Chemistry for Chinese Scientists (WSICS-2), Nanjing, PR China, August 1998
- Invited speaker to give a 30-minute lecture at the 4th Japan-Sino Binational Symposium on Photochemistry, Huangshan, PR China, October 1997
- Invited speaker to give a 30-minute lecture at the 7th International Symposium on Fine Chemistry and Functional Polymers (FCFP-VII), Baoding, PR China, August 1997
- Invited speaker to give a 30-minute lecture at the 2nd International Symposium

on Organo-Metallic Chemistry and Catalysis (OMCC-II), Fuzhou, PR China, October 1996

(iii) *Local*

- Invited speaker to give a 25-minute lecture at the Croucher Advanced Study Institute (ASI) 2021 Metals in Biology and Medicine: From Molecular Imaging to Drug Resistance, The University of Hong Kong, September 2021 (Virtual via Zoom)
- Invited speaker to give a 25-minute lecture at the Dedicated to Excellence: Hong Kong Symposium for Prof. Harry B. Gray's 85th Birthday Symposium, The University of Hong Kong, December 2020 (Virtual via Zoom)
- Invited speaker to give a lecture at the IAS Workshop on "Nanomaterials and their Applications in Displays and Photonics", HKUST, December 2019
- Invited speaker to give a lecture at the Chem-Reaxys-HKCS Symposium, Theme on Synthetic Chemistry, sponsored by Chem (Cell Press), Elsevier Life Science Solution, Reaxys, and the Hong Kong Polytechnic University and co-organized by the Hong Kong Chemical Society (HKCS), HK PolyU, November 2019
- Invited speaker to give a 30-minute lecture at the 1st London-Beijing/Nanjing-Hong Kong Joint Symposium on Frontier Inorganic Chemistry, The University of Hong Kong, May 2018
- Invited speaker to give a 30-minute lecture at the HKU-Osaka University Joint Symposium on Materials Research, The University of Hong Kong, December 2017
- Highlight speaker to give a 45-minute lecture at the Symposium on Functional Transition Metal Complexes - the Power of Design and Synthesis in Meeting Global Challenges (in conjunction with the celebration of the 60th Birthday of Prof. C.-M. Che), The University of Hong Kong, August 2017
- Invited speaker to give a 35-minute lecture at the Advances in Display Workshop, ASTRI, HKSTP, Science Park, Hong Kong, December 2016
- Invited speaker to give a lecture at the Symposium on Energy and Sustainability, in celebration of Prof. Sunney's Chan 80th Birthday, Chinese University of Hong Kong, October 2016
- Invited speaker to give a 40-minute lecture at the PolyU-HKBU Joint Symposium on Chemical Opportunities in Molecular Imaging and Catalysis, Hong Kong Polytechnic University, November 2016
- Invited speaker to give a lecture at the 11th International Conference on Optical Probes of Conjugated Polymers and Organic Nanostructures (OP 2015), Hong Kong University of Science and Technology, Hong Kong, June 2015
- Invited speaker to give a lecture at the Workshop on "Functional Photonics and Nanosystems", City University of Hong Kong, Hong Kong, May 2015
- Invited speaker to give a lecture at the International Conference on Molecular Electronic Materials and Devices (MEMD2015), City University of Hong Kong, January 2015
- Invited speaker to give a 40-minute lecture at the 2014 Gordon Research Conference on Hybrid Electronic and Photonic Materials and Phenomena, Hong Kong University of Science and Technology, Hong Kong, June 2014
- Invited speaker to give a 30-minute lecture at the Croucher Advanced Study Institute (ASI) on Printed Electronics, Chinese University of Hong Kong, December 2013
- Invited speaker to give a lecture at the Asian Pacific Conference on Chemistry of Materials (APCCOM2013), City University of Hong Kong, December 2013
- Invited speaker to give a plenary lecture at the 21st Annual Conference of the Hong Kong Institution of Science, The University of Hong Kong, November 2013
- Invited speaker to give a 25-minute lecture at the 16th International Workshop on Inorganic and Organic Electroluminescence and 2012 International Conference on Science and Technology of Emissive Display and Lighting (EL 2012), Hong Kong Baptist University, December 2012
- Invited speaker to give a 30-minute lecture at the NAMI Symposium on "Materials for OLED and OPV", Hong Kong Convention and Exhibition Centre, Hong Kong, January 2011
- Invited speaker to give a 30-minute lecture at the 2010 International Symposium on Organometallic Chemistry, The Chinese University of Hong Kong, July 2010
- Invited speaker to give a 45-minute lecture at the Croucher Advanced Study

Institute (ASI) on Nano Science and Technology: From Basic Science to Device Applications, Hong Kong University of Science and Technology, January 2007
- Invited speaker to give a 1-hour lecture at the One-Day International Workshop on Novel Functional Molecules, Centre of Novel Functional Molecules, The Chinese University of Hong Kong, October 2006
- Invited speaker to give a 30-minute lecture at the Symposium in Honour of the 65th Birthday of Professor C.K. Poon and the 70th Birthday of Professor Harry B. Gray, HKU, Hong Kong, November 2005
- Invited speaker to give a 1-hour lecture at the 2nd Workshop on Frontier Applied Chemistry Research on "New Vistas in Inorganic Chemistry", HKU, Hong Kong, April 1998
- Invited speaker to give a 30-minute lecture at the 2nd Conference for Worldwide Chinese Young Chemists (CWCYC-2), HKUST, Hong Kong, December 1997
- Invited speaker to give a 45-minute lecture at the First International Workshop on Materials Science, Centre for Materials Science, The University of Hong Kong, December 1994

E. Plenary / Keynote / Invited Speeches / Lectures / Documentaries / Videos / Signatories/ Articles for Promotion of Science and Women in Science :

Plenary/Keynote/Invited Speeches/Lectures
- Invited Speaker to give a 40-minute lecture at the InnoTech Expo 2022 - OHKF Innovation & Technology Seminar on "An appointment with InnoStars Awardee", Hong Kong Convention & Exposition Centre, December 2022
- Invited Speaker to give a keynote speech at the ITC Global Innovation and Technology Summit - Theme on Innovate for a Better World, Hong Kong Science Park, December 2022
- Invited Speaker to give a 60-minute UGC/RGC Public Lecture on "Luminescent Metal Complexes for Phosphorescent Organic Light-Emitting Devices (OLEDs)" under the theme STEM at the Hong Kong Science Museum, November 2021
- Plenary speaker to give 40-minute webinar and Panel Discussant at the CCS Chemistry International Women's Day March 8 Virtual Summit, March 2021 (broadcasted through 4 social media platforms including Bilibili and Kou Share)
- Invited Panelist at the 18th Asian Chemical Congress (ACC 2019) - RSC Session on Women's Progression in Chemistry, Taipei, December 2019
- Plenary Keynote speaker to give a 90-minute lecture at the 13th Asian Science Summer Camp (ASC 2019), China Education Association for International Exchange (CEAIE), Shantou, July 2019
- Special speaker to give three 2-hour lectures on "From Photophysics and Photochemistry to Functions and Applications of Luminescent Metal-Based Materials" at the Hokkaido Summer Institute 2019 (HSI 2019), Hokkaido University, Sapporo, Japan, June 2019
- Invited Speaker to give a lecture at the EmTech Hong Kong, MIT Technology Review's flagship event in the Pearl River Delta on EMerging TECHnologies, Hong Kong Convention and Exhibition Centre, Hong Kong, June 2017
- Invited Speaker to give a lecture at the 2016 InnoTech Expo Public Lectures ("Hong Kong Scientists Special Topic Forum"), Hong Kong Convention & Exhibition Centre, September 2016
- Associate Editor, ACS on Campus Panel Discussion on Publishing, ACS Spring National Meeting, San Diego, March 2016
- Keynote Speaker to give a 45-minute lecture at the ACS Annual Conference of Editors, San Diego, January 2016
- Associate Editor, ACS on Campus, The University of Hong Kong, Hong Kong, October 2015
- Distinguished Speaker to give a 60-minute lecture at the "Pathways to Excellence", Distinguished Women Scientists in Hong Kong Lecture Series, jointly organized by L'Oréal Hong Kong and Hong Kong Science Museum, Hong Kong Science Museum, Hong Kong, October 2014
- Invited Speaker to give a 20-minute lecture at the 29th Chinese Chemical Society (CCS) Congress, CCS Women Chemists Forum, Beijing, August 2014
- Invited Speaker to give a talk on experience sharing at the RGC Town Hall Meeting on Collaborative Research, Research Grants Council, The University of Hong Kong, June 2014

- Invited Speaker to give a public lecture on "Challenges in Organic Photo-Voltaics and Light Emitting Diodes – A Concerted Multi-Disciplinary and Multi-Institutional Effort" at the University Grants Committee (UGC) Theme-Based Research Scheme Public Symposia 2013, Hong Kong, December 2013
- Plenary Speaker to give a 60-minute lecture at the UNESCO Hong Kong and UNESCO Beijing Popular Science Symposium, Beijing No. 4 High School, Beijing, November 2011
- Plenary Speaker to give a 30-minute lecture at the 23rd Annual Conference of Academia Europaea on "Chemistry, Sciences, Culture and Society in the making of Europe", UNESCO Headquarters, Paris, September 2011
- Distinguished Speaker to give a 60-minute lecture at the 2011 Distinguished Chinese Scientists Lecture Series, Hong Kong Science Museum, Hong Kong, October 2011
- Plenary Speaker to give a 40-minute lecture at the 21st Annual Conference of the Hong Kong Institution of Science, HKU, November 2013
- Invited Speaker at the HKU Chemistry Week Opening Ceremony and A Dialogue with Professor Vivian Yam - Chemistry at the Interface of Science: In the Eyes of A Woman Chemist, HKU, October 2011
- Plenary Speaker to give a 60-minute lecture at the UNESCO Hong Kong – HKU Faculty of Science Public Lecture Series, HKU, November 2011
- Invited speaker to give a speech at the "Women Sharing a Chemical Moment in Time" Breakfast Networking Meeting, organized by Royal Society of Chemistry (RSC) Beijing Section in conjunction with the British Embassy and supported by the Chemical Industry and Engineering Society of China (CIESC) and Chinese Chemical Society (CCS), Diaoyutai State Guesthouse, Beijing, January 2011
- Invited speaker to give a speech at the L'Oréal-UNESCO Awards for Women in Science Ceremony at the Chinese Academy of Sciences, Beijing, April 2011
- Invited speaker to give a 20-minute lecture at the Women Scientists' Visit and Exchange in Peking University, Beijing, April 2011
- Invited speaker to give a speech at the International Year of Chemistry 2011 Inauguration Ceremony in China, Great Hall of the People, Beijing, April 2011
- Invited speaker to give a speech at the Hong Kong Science and Technology Parks Corporations Limited (HKSTPC) 10th Anniversary Celebration Ceremony, Hong Kong Science and Technology Parks, Hong Kong, May 2011
- Invited speaker at the "Sustaining the Future through Science and Engineering - Perspectives from Two Leading Women Scientists in UK and Hong Kong" Lunch Seminar, British Council, Hong Kong, January 2011

<u>Documentaries/Videos</u>

- JACS in Conversation with Professor Vivian W.W. Yam, September 2024 (https://www.youtube.com/watch?v=9MZFaRU1IKo)
- Phoenix TV Hong Kong – Professor Vivian Yam, featured as one of the six Starfaces of Scientists, August 2020 (https://www.youtube.com/watch?v=t0CGpBOWScs)
- ACS Personal Stories of Discovery – Professor Vivian Yam, featured as one of the four ACS Personal Stories of Discovery at the American Chemical Society (ACS) National Meeting and Exposition in Boston, August 2018 (http://axial.acs.org/2018/08/17/vivian-yam/)
- The "Bright" Future of Scientific Research - Video documentary in the series "The Research Journey of Scientists - Accomplishment and Perseverance", 2013, Science Education Section, Education Bureau, Government of the Hong Kong Special Administrative Region (https://emm.edcity.hk/media/The+Bright+Future+of+Scientific+Research/0_nhkpwc68); (http://minisite.proj.hkedcity.net/stds_sci/eng/Video_of_Scientist/the_bright_future_of_scientific_research.html)
- TVB News on Women Scientist, November 2015 (https://youtu.be/7J8bJ7VA8m8)
- Working Women 2015, RTHK (http://podcast.rthk.hk/podcast/item_epi.php?pid=938&lang=zh-CN&id=62046); (http://programme.rthk.hk/rthk/tv/ programme.php?d=2015-11-08&p=7036&e=329597&m=episode); video clip (https://youtu.be/ndak8e8dJu4?list=PLuwJy35eAVaJLuHRTmhKyxy7VDewNW

IRo)
- L'Oréal-UNESCO For Women in Science Award 2011 Laureates (http://www.youtube.com/watch?v=gVTWMNTbDN8) (https://www.youtube.com/watch?v=MUmW8lBmh0o)
- "For Women in Science 2011", 52-Minute Documentary broadcasted on TV5 World Channel, 8 March 2011 at 8:30pm GMT+1
- Royal Society of Chemistry (RSC) Women Scientists, International Year of Chemistry (IYC 2011), Interview on 18 January 2011 (https://www.youtube.com/watch?v=tSt7XVluZIs)
- "Hong Kong 100 VIPs", Ch. 33, broadcasted on Asian Television (ATV), 20 April 2011, Hong Kong (https://www.youtube.com/watch?v=XE_gK70gAVQ)
- "OLEDs To Save Energy", Special series of Eye-openers on the occasion of 100 years IUPAC, an online stage initiated by the Royal Netherlands Chemical Society (KNCV) recorded at the World Chemistry Congress of IUPAC 2019, Paris (https://vimeo.com/355127865)
- Interview broadcasted in "Sons of the Orient, Oriental Horizon" on CCTV1, 5 July 2002

Articles and Signatories
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- Yam, V.W.W. (as Co-signatory) in Comments by Bernstein, A.; Sargent, E.H.; Aspuru-Guzik, A.; Cogdell, R.; Fleming, G.R.; van Grondelle, R.; Molina, M. "Renewables Need a Grand-Challenge Strategy" in *Nature*, **2016***, 538*, 30.
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F. Invited Presentations at International Conferences :

- Invited presentation at the 1995 Gordon Research Conference on Inorganic Chemistry, New Hampshire, USA, July 1995
- Invited presentation at the 3rd Japan-Sino Binational Symposium on Photochemistry, Osaka, Japan, October 1994

G. Organizers and Chairs at International/National Conferences :

- Chair of the CASAD Forum on Frontiers of Science & Technology: Functional Materials and New Energy Frontiers, Hong Kong, December 2024
- Co-Chair of Program Committee and Chair of Chemistry Program for 2024 Future Science Prize Week, Hong Kong Science Museum, November 2024
- Chair of Chemistry Program for 2023 Future Science Prize Week, Hong Kong Science and Technology Park, October 2023
- Chairman, Organizing Committee of the 5th Asian Conference on Coordination Chemistry (ACCC-5), Hong Kong, July 2015
- Chairman, Organizing Committee of the 6th National Conference on Coordination Chemistry (*cum* International Symposium on Coordination Chemistry), Hong Kong, July 2009
- Chairman, Organizing Committee of the 15th International Symposium on Photophysics and Photochemistry of Coordination Compounds (15th ISPPCC), Hong Kong, July 2003 (re-scheduled to July 4-9, 2004 due to SARS)
- Invited to act as Organizer of a symposium entitled "American Chemical Society (ACS) Publications Symposium: The Power of Chemical Transformations", in partnership with ACS Publications - Virtual Symposium, May 2021 (Virtual; postponed from 2018)
- Invited to act as Co-organizer of a symposium entitled "Metal-Containing π-Conjugated Systems: Syntheses, Properties, Applications" in the 2020 International Chemical Congress of Pacific Basins Societies (Pacifichem 2020), Honolulu, USA, December 2021 (Virtual via Zoom)

- Invited to act as Co-organizer of a symposium entitled "Photofunctions of Soft Crystals Constructed with Coordination Compounds" in the 2020 International Chemical Congress of Pacific Basins Societies (Pacifichem 2020), Honolulu, USA, December 2021 (Virtual via Zoom)
- Invited to act as Co-organizer of a symposium entitled "Ultrafast Phenomena in Transition Metal-Containing Systems" in the 2020 International Chemical Congress of Pacific Basins Societies (Pacifichem 2020), Honolulu, USA, December 2021 (Virtual via Zoom)
- Invited to act as Co-organizer of a symposium entitled "New Aspects of Photofunctional Metal Complexes" (Session 9 (S9)) at the 43rd International Conference on Coordination Chemistry (ICCC 2018), Sendai, Japan, July 2018
- Invited to act as Co-organizer of a symposium entitled "Metal-containing π-Conjugated Systems: Syntheses, Properties, Applications" in the 2015 International Chemical Congress of Pacific Basins Societies (Pacifichem 2015), Honolulu, USA, December 2015
- Invited to act as Co-organizer of a symposium entitled "Advances in Organic Light-Emitting Diodes" in the 2015 International Chemical Congress of Pacific Basins Societies (Pacifichem 2015), Honolulu, USA, December 2015
- Invited to act as Co-organizer of a symposium entitled "Molecular Photonics" in the 2010 International Chemical Congress of Pacific Basins Societies (Pacifichem 2010), Honolulu, USA, December 2010
- Invited to act as Co-organizer of a symposium entitled "The Construction of Photofunctional Supramolecular Metal Complexes" in the 2010 International Chemical Congress of Pacific Basins Societies (Pacifichem 2010), Honolulu, USA, December 2010
- Invited to act as Co-organizer of a symposium entitled "Photofunctional Molecular and Supramolecular Metal Complexes" in the 2005 International Chemical Congress of Pacific Basins Societies (Pacifichem 2005), Honolulu, USA, December 2005
- Invited to serve as Member of the International Advisory Board of the International Conference on the Science and Technology of Synthetic Metals (ICSM2014), Turku, Finland, June 2014
- Invited to serve as Member of the Scientific Committee of the XXV IUPAC Symposium on Photochemistry, Bordeaux, France, July 2014
- Invited to serve as Chairman of the "Rising Stars" Evaluation Committee, 41st International Conference on Coordination Chemistry (ICCC-41), Singapore, July 2014
- Invited to serve as Member of the International Advisory Committee of the International Symposium on Macrocyclic and Supramolecular Conference (ISMSC 2012), Otago, New Zealand, January 2012
- Invited to serve as Member of the Local Organizing Committee of the International Symposium on Advancing the Chemical Sciences (ISACS-3) organized by the Royal Society of Chemistry (RSC) for the inauguration of the new journal *Chemical Sciences*, Hong Kong, July 2010
- Invited to serve as Member of the International Advisory Board of the 42nd IUPAC Congress, International Union of Pure and Applied Chemistry, Glasgow, UK, August 2009
- Invited to serve as Chairman of the Chemistry Technical Committee of Gold 2009 (organized by World Gold Council), Heidelberg, Germany, July 2009
- Invited to serve as Member of the Advisory Board of the 11th National Conference on Solid State Chemistry and Inorganic Synthesis, Shanghai, PR China, November 2010
- Invited to serve as Member of the Advisory Committee of the 4th International Conference on Photoresponsive Organics and Polymers (ICPOP-2008), Hangzhou, PR China, October 2008
- Invited to serve as Member of the Organizing Committee of UK-Hong Kong Frontier of Science Symposium (jointly organized by the Royal Society UK and Croucher Foundation), Hong Kong, January 2008
- Invited to serve as Member of the International Scientific Committee of the symposium entitled "New Routes to Inorganic Materials, Films and Nanocrystals" at the International Conference on Materials for Advanced Technologies (ICMAT 2007), Singapore, July 2007
- Organizer of the WOLEDs and Organic Photovoltaics Workshop, Hong Kong,

January 2009
- Organizer of the HKU-ICCAS Workshop on Molecular Functional Materials, Hong Kong, December 2005
- Appointed as Executive Chair of the Xiangshan Science Conference on Molecular Nano-Technology and Self-Assembly of Metallo-Nanosystems, Beijing, November 2003
- Organizer of the Workshop on Molecular Functional Materials, Hong Kong, October 2003
- Organizer of the HKU Foundation International Workshop on Carbon-Rich Molecular and Nano-scale Materials, Hong Kong, January 2003
- Invited to serve a Member of the International Committee of the 1st Asian Conference on Coordination Chemistry (ACCC), Okazaki, Japan, August 2007
- Invited to serve as Member of the International Advisory Board of the 37th International Conference on Coordination Chemistry (ICCC37), Cape Town, South Africa, August 2006
- Invited to serve as Member of the Chemistry Committee of Gold 2006, Limerick, Ireland, September 2006
- Invited to serve as Chairman of the Review Committee for the Pfizer Award Lecture at the 9th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 6th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Singapore, December 2006
- Invited to serve as Chairman of the German Institute of Science and Technology (GIST) Young Speaker Prizes Panel of Judges, 9th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 6th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Singapore, 2006
- Invited to serve as Member of the Local Organizing Committee of 11th International Conference on Optical Probes of Conjugated Polymers and Organic Nanostructures (OP 2015), HKUST, Hong Kong, June 2015
- Invited to serve as Member of the Organizing Committee of 5th Cross-Strait Workshop on Nanoscience and Nanotechnology, HKUST, Hong Kong, December 2006
- Invited to serve as Member of the Scientific Committee of the XIX-IUPAC Symposium on Photochemistry, Budapest, Hungary, July 2002
- Invited to serve as Country Representative of the Planning Committee for the International Conference on Coordination Chemistry (ICCC), 2002 - present
- Invited to serve as Member of the Chemistry Committee of Gold 2003, Vancouver, Canada, September 2003
- Invited to serve as Member of the Scientific Committee of the symposium entitled “Emerging Display Technology – Materials and Devices (Organic Display Technology)” at the International Conference on Materials for Advanced Technologies (ICMAT-2001), Singapore, July 2001
- Invited to act as Co-organizer of a symposium entitled "Metal Complex Photochemistry: Applications in Bioinorganic Chemistry, Energy Conversion and Catalysis Research" in the 1995 International Chemical Congress of Pacific Basins Societies (Pacifichem 1995), Honolulu, USA, December 1995
- Invited to serve as Member of the Advisory Committee of the 5th National Symposium on Coordination Chemistry, Guangzhou, November 2005
- Invited to serve as Member of the Local Scientific Advisory Committee of the 5th International Symposium for Chinese Inorganic Chemists (ISCIC-5) and the 8th International Symposium for Chinese Organic Chemists (ISCOC-8), Hong Kong, December 2004
- Invited to serve as Member of the International Advisory Board of the 10th International Symposium on Fine Chemistry and Functional Polymers (FCFP-X), Jinan, PR China, September 2000
- Invited to serve as Member of the International Advisory Board of the 5th International Symposium on Organo-Metals, Metal Complexes and Catalysis (OMC-V), Baoding, PR China, August 2000
- Invited to serve as Member of the International Advisory Board of the 9th International Symposium on Fine Chemistry and Functional Polymers (FCFP-IX), Haikou, PR China, November 1999
- Invited to serve as Member of the International Advisory Board of the 4th International Symposium on Organo-Metals, Metal Complexes and Catalysis (OMC-IV), Lanzhou, PR China, July 1999

- Invited to serve as Member of the International Advisory Board of the 3rd International Symposium on Organo-Metals, Metal Complexes and Catalysis (OMC-III), Harbin, PR China, August 1998
- Invited to act as Vice-Chairman of the Asian Photochemistry Conference (APC), HKUST, Hong Kong, June 1996
- Invited to act as Session Chairman of the Euresco Conference on Molecular Rods, Wires and Switches, San Feliu de Guixols, Spain, September 2002
- Invited to act as Session Chairman of the First International Symposium on Inorganic Chemistry for Chinese Scientists, HK PolyU, Hong Kong, July 1996
- Invited to act as Session Chairman of the Asian Photochemistry Conference (APC), HKUST, Hong Kong, June 1996
- Invited to act as Session Chairman of the Conference on Surface Science: Critical Review and Outlook, HKU, Hong Kong, June 1996
- Invited to act as Session Chairman of the 3rd Japan-Sino Binational Symposium on Photochemistry, Osaka, Japan, October 1994

H. Invited Lectures in Universities, Institutions and Industries :

(i) *Overseas*

- Vilsmeier Lecturer to give a one-hour Vilsmeier Lecture in the Institute of Inorganic Chemistry, University of Regensburg, Germany, June 2023 (postponed from 2021-22)
- Bailar Medal Lecturer to give two one-hour Bailar Lectures in the Department of Chemistry,University of Illinois Urbana-Champaign, USA, April 2023
- Dow Lecturer to give a one-hour Dow Lecture in the Division of Chemistry and Chemical Engineering, California Institute of Technology (Caltech), April 2023 (postponed from 2019-20)
- Invited speaker to give a one-hour lecture in the Department of Chemistry, National University of Singapore, December 2024
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Philipps-Universität Marburg, February 2022 (Virtual)
- Hutchison Lecturer to give three one-hour Charles Force Hutchison Lectures (Hutchison Lectures) in the Department of Chemistry, University of Rochester, USA, April 2018
- KAIST Chemistry Lecturer to give one-hour KAIST Chemistry Award Lecture and four two-hours KAIST Chemistry Award Graduate Lectures in the Department of Chemistry, Korean Advanced Institute of Science and Technology (KAIST), Korea, June 2017
- Lavoisier Lecturer to give three one-hour Lavoisier Lectures in the Department of Chemistry, University of Paris Diderot 7, France, November 2016
- RSC Ludwig Mond Award Lecturer to give a one-hour RSC Ludwig Mond Lecture in the Department of Chemistry, Imperial College London, United Kingdom, May 2016
- RSC Ludwig Mond Award Lecturer to give a one-hour RSC Ludwig Mond Lecture in the Department of Chemistry, University of York, United Kingdom, May 2016
- RSC Ludwig Mond Award Lecturer to give a one-hour RSC Ludwig Mond Lecture in the Department of Chemistry, University of Newcastle, United Kingdom, May 2016
- Lee Lecturer to give two one-hour Julia S. and Edward C. Lee Memorial Lectures (Lee Lectures) in the Department of Chemistry, University of Chicago, USA, April 2016
- MRSEC Distinguished Speaker to give a one-hour MRSEC Distinguished Speaker Seminar in the Materials Research Science and Engineering Center (MRSEC), Northwestern University, USA, May 2016
- Seaborg Lecturer to give two one-hour Seaborg Lectures in the Department of Chemistry, University of California, Berkeley, USA, March 2013
- Pacific Rim Visiting Speaker (formerly Distinguished Asian Visiting Speaker) to give two one-hour Pacific Rim Visiting Lectures in the Department of Chemistry, University of Alberta, Edmonton, Canada, May 2014
- Invited speaker to give a lecture in the Faculty of Chemistry and Environment (FCE), Thuyloi University (TLU), Hanoi, Vietnam, December 2023 (during VinFuture Prize Week 2023)
- Invited speaker to give a one-hour lecture in the Department of Chemistry,

University of Geneva, Switzerland, May 2011 (Universities of Switzerland "Troisième Cycle" Program Lecture Tour)

- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Bern, Switzerland, May 2011 (Universities of Switzerland "Troisième Cycle" Program Lecture Tour)
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Neuchatel, Switzerland, May 2011 (Universities of Switzerland "Troisième Cycle" Program Lecture Tour)
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Ecole Polytechnique Fédérale de Lausanne, Switzerland, May 2011 (Universities of Switzerland "Troisième Cycle" Program Lecture Tour)
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Basel, Switzerland, May 2011 (Universities of Switzerland "Troisième Cycle" Program Lecture Tour)
- Invited speaker to give two one-hour Invited Visiting Professorship Lectures in the Department of Chemistry, Université Bourdeaux, CNRS, France, July 2011
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, May 2014
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, March 2013
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, July 2011
- Frontiers in Chemical Research Distinguished Lecturer to give three one-hour Frontiers in Chemical Research Distinguished Lecture Series in the Department of Chemistry, Texas A & M University, USA, March-April 2008
- Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, Massachusetts Institute of Technology, USA, March 2008
- Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, Harvard University, USA, March 2008

  Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, California Institute of Technology, USA, March 2008
- Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, University of California, Berkeley, USA, March 2008
- Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, University of California, Los Angeles, USA, March 2008
- Hong Kong Fulbright Distinguished Scholar to give a one-hour Hong Kong Fulbright Distinguished Scholar Lecture in the Department of Chemistry, University of Illinois, Urbana-Champagne, USA, March 2008
- Invited speaker to give a one-hour UPMC Visiting Professorship Lecture in the Ecole Doctorale de Chimie Moléculaire de Paris Centre, Laboratoires de Chimie Organique, Université Pierre et Marie Curie, CNRS (Université Paris VI), Paris, France, April 2007
- Invited speaker to give a one-hour UPMC Visiting Professorship Lecture in the Département de Chimie Inorganique, Université Pierre et Marie Curie, CNRS (Université Paris VI), Paris, France, March 2007
- RSC Centenary Lecturer to give a one-hour RSC Centenary Lecture in the Department of Chemistry, University of Oxford, United Kingdom, May 2006
- RSC Centenary Lecturer to give a one-hour RSC Centenary Lecture in the Department of Chemistry, Imperial College London, United Kingdom, May 2006
- RSC Centenary Lecturer to give a one-hour RSC Centenary Lecture in the Department of Chemistry, University of Durham, United Kingdom, May 2006
- RSC Centenary Lecturer to give a 50-minute RSC Centenary Lecture in the School of Chemistry, University of Nottingham, United Kingdom, May 2006 (in conjunction with the Dalton Division Symposium on Supramolecular Photochemistry for the Award Lecture and Presentation of Medals)
- RSC Centenary Lecturer to give a one-hour RSC Centenary Lecture in the Department of Chemistry, University of Manchester, United Kingdom, May 2006
- RSC Centenary Lecturer to give a one-hour RSC Centenary Lecture in the

Department of Chemistry, University of Swansea, United Kingdom, May 2006
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, May 2005
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Université Louis Pasteur, Strasbourg, France, May 2004
- Invited speaker to give a one-hour lecture in the Department of Applied Chemistry, Royal Melbourne Institute of Technology (RMIT) University, Australia, March 2004 (RMIT Foundation Fellow)
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Northwestern University, USA, September 2003
- Invited speaker to give a 60-minute lecture at the E-Polymer Laboratory, Samsung Advanced Institute of Technology (SAIT), Seoul, Korea, December 2002
- Invited speaker to give a 60-minute lecture at the Research and Development Laboratories PLED Group, Dow Chemical Company, Midland, USA, April 2002
- Invited speaker to give a 60-minute lecture at the Dow Discussion Group on Interfacial Science (DDGIS), Dow Chemical Company, Midland, USA, April 2002
- Invited speaker to give a 60-minute Weissberger-Williams Lecture at the Research and Development Laboratories, Eastman Kodak Company, Rochester, USA, July 2001
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Amsterdam, Netherlands, September 2002
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Karlsruhe, Germany, July 2002
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Zaragoza, Spain, July 2002
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, July 2002
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, December 2001
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Rennes, CNRS, France, July 2000
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Exeter, UK, October 1995
- Invited speaker to give a one-hour lecture in the Department of Chemistry, The University of Sheffield, UK, July 1994
- Invited speaker to give a one-hour lecture in the Anorganisch-chemisches Institut, Technische Universität München, Germany, July 1993
- Invited speaker to give a one-hour lecture in the Department of Chemistry, University of Cambridge, UK, September 1992

(ii) *Mainland China*
- Invited speaker to give a one-hour Distinguished Lecture at the Innovation Forum Popular Science Lecture Series at the Shanghai Jiao Tong University, School of Medicine, Shanghai, PR China, February 2026
- Invited speaker to give a one-hour Distinguished Lecture at the Hangzhou Institute of Medicine, Chinese Academy of Sciences, Hangzhou, PR China, February 2026
- Invited speaker to give a one-hour Distinguished Lecture at Great Master of Science and Technology Lecture Series at the Macau University of Science and Technology, Macau, PR China, April 2025
- Invited speaker to give a one-hour Distinguished Science Forum Lecture at the Westlake Science Forum at the Westlake University, Hangzhou, PR China, May 2024
- Invited speaker to give a one-hour Distinguished Beiyang Forum Lecture at the Honorary Professor Inauguration Ceremony at the Tianjin University, Tianjin, PR China, August 2018
- Invited speaker to give a one-hour Inauguration Lecture at the State Key Lab of Luminescent Materials and Devices at the Honorary Professor Inauguration Ceremony at the South China University of Technology, Guangzhou, PR China, June 2018
- Invited speaker to give a one-hour Distinguished Lecture at the School of Chemistry & Chemical Engineering at the South China University of Technology, Guangzhou, PR China, June 2018

- Invited speaker to give a one-hour lecture at the Lehn Institute of Functional Materials & College of Chemistry at the Sun Yat-Sen University, Guangzhou, PR China, January 2018
- Invited speaker to give a one-hour Master Forum Lecture (2017) at The Chinese University of Hong Kong, Shenzhen, PR China, May 2017
- Invited speaker to give a one-hour Distinuished Lu Jiaxi Lecture (2017) at the Fujian Institute of Research on the Structure of Matter (FJIRSM), CAS, Fuzhou, PR China, April 2017
- Invited speaker to give a one-hour SINAP Physical Biology Lectureship (PBL) (2017) at the Shanghai Lightsource Synchrotron Facilities, Shanghai Institute of Applied Physics (SINAP), CAS, Shanghai, April 2017
- Invited speaker to give a one-hour lecture in the State Key Laboratory of Supramolecular Structure and Materials, Department of Chemistry, Jilin University, Changchun, PR China, August 2015
- Distinguished lecturer to give a 40-minute lecture at the High-End Forum in celebration of the 100th Birthday of Prof. Pan-Wen Shen, Nakai University, Tianjin, PR China, May 2015
- Distinguished lecturer to give a one-hour Forum of the Millennium Institution: Distinguished Scholar Lecture in The Frontier of Chemistry and Biology in the State Key Laboratory of Chemo/Biosensing and Chemometrics, Hunan University, January 2015 (Forum of the Millennium Institution: Distinguished Scholar Lectureship in The Frontier of Chemistry and Biology)
- Invited speaker to give a one-hour lecture at the Lehn Institute of Functional Materials (LIFM), Sun Yat Sen University, Guangzhou, PR China, January 2014
- Invited speaker to give a one-hour Lanzhou University 100th Anniversary Lecture in Lanzhou University, August 2011 (Lanzhou University 100th Anniversary Lecture Professorship)
- Invited speaker to give a one-hour Nanqiang Lecture and Lu Jiaxi Lecture in Xiamen University, January 2011 (Nanqiang Lecture Professorship and Lu Jiaxi Lecture Professorship)
- Invited speaker to give a one-hour Molecular Science Forum Lecture in the Institute of Chemistry, Chinese Academy of Sciences, January 2010 (Molecular Science Forum Lecture Professorship)
- Invited speaker to give a one-hour lecture in the Science College, Shantou University, February 2006 (Li Ka Shing Foundation Lecture)
- Invited speaker to give a one-hour lecture in Seminar Programme of Department of Chemistry, Zhejiang University, April 2012
- Invited speaker to give a one-hour lecture in Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, August 2011
- Invited speaker to give a one-hour lecture in the Nanoscience Laboratory, Institute of Chemistry, Chinese Academy of Sciences, April 2011
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Renmin University, November 2005
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Beijing Normal University, August 2004
- Invited speaker to give a one-hour lecture in the Key Laboratory for Supramolecular Structure and Materials, Jilin University, March 2004
- Invited speaker to give a one-hour lecture in the Institute of Chemistry, Chinese Academy of Sciences, Beijing, April 2004
- Invited speaker to give a one-hour lecture in the School of Chemistry and Chemical Engineering, Zhongshan (Sun Yat-Sen) University, February 2003
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Nankai University, May 2001
- Invited speaker to give a one-hour lecture in the Shanghai Institute of Organic Chemistry, May 2001
- Invited speaker to give a one-hour lecture in the Changchun Institute of Applied Chemistry, March 2001
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Jilin University, March 2001
- Invited speaker to give a one-hour lecture in the College of Chemistry and Molecular Engineering, Peking University, February 2001
- Invited speaker to give a 20-minute lecture at a HKU-ZJU Workshop in the Department of Polymer Science and Engineering, Zhejiang University, October

2000
- Invited speaker to give a one-hour lecture in the Department of Chemistry, National Tsing Hua University, Taipei, March 2000
- Invited speaker to give a one-hour lecture in the Department of Chemistry, National Taiwan University, Taipei, March 2000
- Invited speaker to give a one-hour lecture in the Institute of Chemistry, Academia Sinica, Taipei, March 2000
- Invited speaker to give a one-hour lecture in the Laboratory of Radiation Chemistry, Shanghai Institute of Nuclear Research, Chinese Academy of Sciences, December 1999
- Invited speaker to give a one-hour lecture in the Faculty of Science, East China University of Science and Technology, June 1998
- Invited speaker to give a lecture at the Mini-symposium of the Shanghai-Hong Kong Joint Research Laboratory in Chemical Syntheses in the Shanghai Institute of Organic Chemistry, April 1998
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Sichuan University, March 1998
- Invited speaker to give a one-hour lecture in the Department of Polymer Science and Engineering, Zhejiang University, October 1997
- Invited speaker to give a two-hour lecture in the Department of Chemistry, Xiamen University, September 1996
- Invited speaker to give a one-hour lecture in the College of Chemical Engineering and Material Science, Beijing Institute of Technology, March 1995
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Peking University, October 1994
- Invited speaker to give a one-hour lecture in the Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences, September 1994
- Invited speaker to give a one-hour lecture in the Department of Chemistry, Sichuan University, September 1994
- Invited speaker to give a 30-minute lecture in the Coordination Chemistry Institute, Nanjing University, June 1994
- Invited speaker to give a one-hour lecture in the Dalian Institute of Chemical Physics, Chinese Academy of Sciences, April 1994
- Invited speaker to give a 30-minute lecture in the Shanghai Institute of Ceramics, Chinese Academy of Sciences, March 1994
- Invited speaker to give a one-hour lecture in the Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, December 1993
- Invited speaker to give a one-hour lecture in the Laboratory of Organometallic Chemistry, East China University of Science and Technology, December 1993

(iii) *Local*
- Invited speaker to give a one-hour lecture in the 60th Anniversary Faculty of Science Distinguished Lecture Series, Chinese University of Hong Kong, January 2024
- Invited speaker to give a one-hour lecture in Hong Kong Baptist University 60th Anniversary Distinguished Lecture Series, Hong Kong Baptist University, June 2022
- Invited speaker to give a one-hour lecture in the Department of Biology and Chemistry, City University of Hong Kong, April 2010
- Invited speaker to give a one-hour lecture in the Department of Physics, The Chinese University of Hong Kong, October 2003
- Invited speaker to give a one-hour lecture in the Department of Chemistry, The Hong Kong University of Science and Technology, October 2002
- Invited speaker to give a one-hour lecture in the Department of Physics and Materials Science, City University of Hong Kong, March 2002
- Invited speaker to give a one-hour lecture in the Department of Physics, The Hong Kong Baptist University, March 2001
- Invited speaker to give a one-hour lecture in the Department of Chemistry, The Hong Kong University of Science and Technology, October 1993
- Invited speaker to give a one-hour lecture in the Department of Chemistry, The Chinese University of Hong Kong, April 1992
- Invited speaker to give a one-hour lecture in the Department of Applied Biology

and Chemical Technology, Hong Kong Polytechnic, April 1991
- Invited speaker to give a one-hour lecture in the Department of Applied Science, The City Polytechnic of Hong Kong, 1990

I. Invited Appointments :
- Appointed to Vice-President of Hong Kong Academy of Sciences (ASHK) (12/2025-12/28)
- Appointed to Vice-President of Chinese Chemical Society (CCS) (2023-26)
- Appointed to President of Hong Kong STEM Education Alliance (2022-)
- Appointed to President of International Organization for Chemical Sciences in Development (IOCD) (2022-) (founded at UNESCO in 1981 to promote the pursuit and application of the chemical sciences for sustainable development and economic growth, as successor to the Presidency of two Nobel Laureates, Professor Glenn Seaborg (inaugural President, 1981-1991) and Professor Jean-Marie Lehn (President, 1992-2021) of IOCD)
- Invited to serve as Member of European Research Council (ERC) Synergy Grants Panel, Physical Sciences and Engineering Panel, European Research Council (2019-20; 2021-22; 2023-24; 2025-26)
- Invited to serve as Member of Review Board of Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) Priority Program on "Light Controlled Reactivity of Metal Complexes", Deutsche Forschungsgemeinschaft (DFG, German Research Foundation), Germany (2018; 2021)
- Invited to serve as Member of Evaluation Committee of Agencia Estatal de Investigación (Spanish State Research Agency) "Severo Ochoa and María de Maeztu Programme" in the Excellence Pillar of the Spanish State Plan of RDI to recognize Centres and Research Units of Excellence, Spanish Government, Spain (2018)
- Invited to serve as Member of European Research Council (ERC) Advanced Grants Panel, Physical Sciences and Engineering Panel, European Research Council (2007-2013; 2015-16)
- Invited to serve as Member of the Selection Committee for the King Faisal Prize in Science (Chemistry) 2019, King Faisal Prize Foundation, Saudi Arabia (2019)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2021, L'Oréal Foundation, France (2020-2021)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2019, L'Oréal Foundation, France (2018-2019)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2017, L'Oréal Foundation, France (2016-2017)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2015, L'Oréal Foundation, France (2014-2015)
- Invited to serve as Member of the TWAS Independent Expert Committee (IEC) for the review of TWAS Prize candidates in the field of Chemistry (2016-2018; 2020-22)
- Invited to serve as Member of the Pre-Screening Committee for the review of the VinFuture Prize for the VinFuture Prize Foundation, Vietnam (2021-25)
- Invited to serve as Co-Chair of Tencent New Cornerstone Investigator Program Selection Panel in the area of Chemistry, Tencent Foundation (2022-24)
- Invited to serve as Co-Chair of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation (2023-)
- Invited to serve as Deputy Chair of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation (2022-23)
- Invited to serve as Member of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation (2018-23)
- Invited to serve as Member of Review Panel of the National Research Foundation (NRF) Fellowship Scheme, National Research Foundation, Singapore (2018)
- Invited to serve as Member of Evaluation Panel of the National Research Foundation (NRF) Fellowship Scheme, National Research Foundation, Singapore (2023-)
- Invited to serve as Member of the National Research Foundation (NRF) Competitive Research Programme (CRP) Expert Panel on Natural Sciences, National Research Foundation, Singapore (2013-23)
- Invited to serve as Member of the Advisory Committee of the Canadian Institute for Advanced Research (CIFAR) Biology, Energy, Technology (re-named CIFAR

Bio-inspired Solar Energy) Program (2014-24)
- Invited to serve as Member of Fulbright Advisory Committee, US Consulate (2014-)
- Invited to serve as External Expert Panel for Air Liquide Scientific Challenge, Paris, August 2016
- Invited to serve on the Asian Editorial Advisory Council for American Chemical Society (ACS) Publications (2016-22)
- Invited to serve as Member of the Canvassing Committee for 2022 ACS Central Science Disruptors and Innovators Prize, American Chemical Society (ACS), 2021
- Invited to serve as Member of the Executive Committee for 2020 Inorganic Chemistry Lectureship Award, American Chemical Society (ACS), 2020
- Invited to serve as Member of the Executive Committee for 2016 Inorganic Chemistry Lectureship Award, American Chemical Society (ACS), 2016
- Invited to serve as Member of the ESF College of Expert Reviewers, European Science Foundation (ESF), Europe (2018-21)
- Invited to serve as Member of the Jury for the French National Research Agency (ANR) "Investissements d'Avenir" (or "Investments for the future"), "Laboratories of Excellence" (LABEX) Programme, French National Research Agency (ANR) (2010-)
- Appointed as Country Representative of the Planning Committee for the International Conference on Coordination Chemistry (ICCC) (2002-)
- Invited to serve as Member of the Board of Trustees for the Croucher Foundation (2012-)
- Appointed as Member of the Editor Search Committee for fully open-access, multidisciplinary journal of the American Chemical Society, *ACS in Central Science*, American Chemical Society, USA (2014)
- Appointed as Member of the Editor Search Committee for fully open-access journal of the American Chemical Society, *ACS Omega* published by American Chemical Society (2015-16)
- Appointed as Member of the Editor Search Committee for the journal of the American Chemical Society, *Chemistry of Materials*, American Chemical Society, USA (2020)
- Invited to serve as Member of 2016 and 2018 Qiu Shi Outstanding Scientist and Outstanding Scientific Research Team Awards Selection Committee in the Area of Mathematics, Physics and Chemistry, Qiu Shi Science and Technologies Foundation (2015-16; 2017-18)
- Invited to serve as Panel Member of External Evaluation Committee for Department of Chemistry, The University of Tokyo, Tokyo, Japan (2020-21)
- Invited to serve as Panel Member of School of Basic Sciences Evaluation Panel, École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland (2019)
- Invited to serve as Member of International Advisory Committee for Department of Chemistry, Tsinghua University, Beijing, PR China
- Appointed as Member of the Search Committee for Directorship of Institute of Chemistry, Academia Sinica, Taipei (2019, 2013, 2010, 2019)
- Appointed as Member of the Academic Advisory Committee for Academia Sinica, Taipei (2005-23)
- Appointed as Member of the Advisory Committee for the Institute of Chemistry, Academia Sinica, Taipei (2004-23)
- Elected as Chair of the Advisory Committee for the Institute of Chemistry, Academia Sinica, Taipei (2004-23)
- Appointed to serve as the Chair of Committee for Women Chemists, Chinese Chemical Society, PR China (2018-26)
- Appointed to serve as the Inaugural Vice-Chair of Committee for Women Chemists, Chinese Chemical Society, PR China (2014-18)
- Appointed to serve as Member of the Standing Board, Chinese Chemical Society, PR China (2011-14; 2015-18; 2019-22; 2023-26)
- Appointed as Member of Hong Kong Advisory Board of the Gordon Research Conferences (GRC) (2015-)
- Invited to serve as External Panel Member of the Off-site Peer Review for the School of Chemistry and Chemical Engineering, Shanghai Jiao Tong University (SJTU), Shanghai, PR China (2015)
- Invited to serve as Chair of the Review Committee for the Institute of Chemistry, Academia Sinica, Taiwan (2015)

- Invited to serve as Expert Reviewer of the Evaluation Committee for the Department of Chemistry, National Taiwan University, Taiwan (2015)
- Appointed as Molecular Science Forum Lecture Professorship of Institute of Chemistry, Chinese Academy of Sciences (2010)
- Appointed as Invited Professor of University of Bordeaux, CNRS, Bordeaux, France (2010-11)
- Appointed as UPMC Visiting Professor of Université Pierre et Marie Curie, CNRS (Université Paris VI), Paris, France (2007)
- Appointed as Visiting Professor of University of Rennes, CNRS, Rennes, France (2002-04)
- Appointed as Member of the Council of the Beijing National Laboratory for Molecular Sciences, Peking University-Institute of Chemistry, Chinese Academy of Sciences, Beijing, PR China
- Appointed as Member of the Scientific Committee of the Beijing National Laboratory for Molecular Sciences, Peking University-Institute of Chemistry, Chinese Academy of Sciences, Beijing, PR China
- Invited to serve as Member of the International Advisory Board (Advisor) for the PRESTO on "Chemical Conversion of Light Energy" of Japan Science and Technology (JST), Japan (2010-16)
- Invited to serve as Member of Scientific Committee of Joint International Research Laboratory of Advanced Energy Materials Chemistry (AEMC), Nankai University, PR China (2016-)
- Invited to serve as Panel Member of the Evaluation Committee for the State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China (2010)
- Invited to serve as Panel Member of the Evaluation Committee for the State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China (2008)
- Invited to serve as Expert Reviewer of the Evaluation Committee for the feasibility of the establishment of the International Collaboration Joint Laboratory for Nano- and Micro- Assembly Chemistry, Jilin University, Ministry of Education (MOE), PR China (2014)
- Invited to serve as Expert Reviewer of the Evaluation Committee for the feasibility of the establishment of the Beijing National Laboratory for Molecular Sciences, Peking University-Institute of Chemistry, Chinese Academy of Sciences, Ministry of Science and Technology (MOST), Beijing, PR China (2007)
- Appointed as Member of the Academic Steering Committee of the Hong Kong Science and Technology Innovation Programme (HKSTIP) for the Hong Kong-Guangzhou Technology and Innovation Partnership Programme, Hong Kong Association of Overseas Returned Scholars (HKAORS) and Guangzhou Science & Technology and Innovation Commission (GZSTIC) (2017-)
- Invited to serve as Expert Reviewer of the Evaluation Committee for the mid-term evaluation of 973 Project on "Research on Frontier Topics in Materials Construction and Chemistry Conversion Processes", Jilin University, Zhuhai Campus, PR China (2007)
- Appointed as Member of the Scientific Committee of the State Key Laboratory for Supramolecular Structure and Materials, Jilin University, Changchun, PR China
- Appointed as Member of the Academic Advisory Committee of the Key Laboratory for Supramolecular Structure and Materials of Ministry of Education, Jilin University, Changchun, PR China
- Appointed as Member of the Advisory Board of the Institute of Advanced Materials and Technology, Fudan University, Shanghai, PR China
- Appointed as Member of Advisory Board of Beijing-Hong Kong Academic Exchange Centre, Hong Kong, PR China
- Invited to serve as Member of the Advisory Board of the Centre for Functional Photonics, City University of Hong Kong (2010-)
- Appointed as Professor-at-Large of Lehn Institute of Functional Materials, Sun Yat-Sen University, Guangzhou, PR China
- Appointed as Professor of South China University of Technology, Guangzhou, PR China
- Appointed as Professor of Jilin University, Changchun, PR China
- Appointed as Distinguished Honorary Professor of Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, PR China

- Appointed as Nanqiang Lecture Professorship and Lu Jiaxi Lecture Professorship, Xiamen University, Xiamen, PR China
- Appointed as Honorary Professor of Tianjin University, Tianjin, PR China
- Appointed as Honorary Professor of Beijing University of Technology (BJUT), Beijing, PR China
- Appointed as Guest Professor of Hunan University, Changsha, PR China
- Appointed as Guest Professor of Zhejiang University, Hangzhou, PR China
- Appointed as Guest Professor of Sichuan University, Chengdu, PR China
- Appointed as Guest Professor of Lanzhou University, Lanzhou, PR China
- Appointed as Guest Professor of Renmin University, Beijing, PR China
- Appointed as Guest Professor of Fudan University, Shanghai, PR China
- Appointed as Guest Professor of East China University of Science and Technology, Shanghai, PR China

J. Plenary/Keynote/Invited Lectures in National Conferences :

- Distinguished speaker to give a 35-minute lecture at the Shaping the Future of Chemistry: Tsinghua Chemistry Century Forum, in celebration of 100th Anniversary of Tsinghua Chemistry, Tsinghua University, Beijing, September 2025
- Keynote speaker to give a 30-minute lecture at the Symposium on Inorganic Synthesis (Symposium 09) at the 34th Chinese Chemical Society (CCS) Annual Congress, Guangzhou, June 2024
- Plenary speaker to give a 40-minute lecture at the Interdisciplinary Frontier Coordination Chemistry Forum of the State Key Laboratory on Coordination Chemistry, Nanjing University, March 2024
- Keynote speaker to give a 30-minute lecture at the Symposium on Photochemistry (Symposium 35) at the 33rd Chinese Chemical Society (CCS) Annual Congress, Qingdao, June 2023
- Keynote speaker to give a 35-minute Special Lecture in the Angewandte Advances Forum at the CCS 11th National Conference of Inorganic Chemistry, August 2023, Lanzhou
- Plenary speaker to give a 40-minute lecture at the CCS 2022 Cross-Strait Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure cum 16th National Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure, Hangzhou, August 2022 (Virtual)
- Plenary speaker to give 40-minute Webinar and Panel Discussant at the CCS Chemistry International Women's Day March 8 Virtual Summit, March 2021 (broadcasted through 4 social media platforms including Bilibili and Kou Share)
- Plenary speaker to give a lecture at the 16th CCS Conference on Solid State Chemistry and Inorganic Synthesis, Beijing, March 2023 (postponed from 2020)
- Plenary speaker to give a lecture at the National Symposium on Structural Chemistry cum 40th Anniversary of Structural Chemistry (founded by Professor Lu Jiaxi), Fuzhou, March 2023 (postponed from 2022)
- Keynote speaker to give a lecture at the Symposium on Nano-Bio Effects and Nano-Medicinal Chemistry (Symposium 41) at the 32nd Chinese Chemical Society (CCS) Annual Congress, Zhuhai, May 2020
- Invited speaker to give a lecture at the Symposium on New Frontiers in Interdisciplinary Chemistry at the 32nd Chinese Chemical Society (CCS) Annual Congress, Zhuhai, May 2020
- Plenary speaker to give a 35-minute lecture at the CCS Central West Inorganic Chemistry & Chemical Engineering Forum, Lanzhou, April 2020
- Plenary speaker and Lujia Forum Lecturer to give a 40-minute lecture at the First Sauvage Symposium at the Sauvage Center for Molecular Sciences, Wuhan University, January 2020
- Plenary speaker to give a 45-minute lecture at the 11th National Conference on Organic Chemistry, Shanghai, August–September 2019
- Plenary speaker to give a 60-minute lecture at the NSFC-BHAEC Joint Symposium on Chemistry for New Frontiers, Hong Kong, July 2019
- 2018 CCS Huang Yao-Zeng Organometallic Chemistry Award Lecturer and Plenary speaker to give a 40-minute lecture at the 20th National Conference on Organometallic Chemistry, Nanjing, November 2018
- Invited keynote speaker to give a 50-minute lecture at the Annual Academic Committee Meeting of the State Key Lab of Organometallic Chemistry of the

Shanghai Institute of Organic Chemistry (SIOC), Nanjing, November 2018
- Special invited speaker to give a 30-minute lecture at the 11th Chinese National Conference on Chemical Biology, Women Scientists Forum, Guangzhou, PR China, November 2019
- Plenary speaker to give a 40-minute lecture at the Eastern Forum of Science and Technology on "Molecular Materials and Devices for Next Generation Electronics Technology", Shanghai, August 2019
- Plenary speaker to give a 45-minute lecture at the NSFC-BHKAEC Joint Symposium on Chemistry for New Frontiers, Hong Kong, July 2019
- Plenary speaker to give a 40-minute lecture at the Guangzhou S & T Forum cum AIE R&D Summit, South China University of Technology, Guangzhou, PR China, November 2019
- Invited speaker to give a 25-minute lecture at the Symposium on Nano-Bio Effects and Nano-Medicinal Chemistry (Symposium 35) at the 31st Chinese Chemical Society (CCS) Annual Congress, Hangzhou, May 2018
- Plenary speaker to give a 35-minute lecture at the 7th National Symposium on Structural Chemistry (7th NSSC), Guangzhou, November 2016
- Plenary speaker to give a 40-minute lecture at the 7th National Conference of Physico-Inorganic Chemistry, Beijing, May 2016
- Keynote Lecture to give a 30-minute lecture at the SUSTech-ICCAS-HKU-Symposium, South University of Science and Technology of China (SUSTech), Shenzhen, January 2017
- Expert invited speaker to give a 40-minute lecture at the Southern China Frontier Synthetic Chemistry High-End Forum, South University of Science and Technology of China (SUSTC), Shenzhen, October 2015
- Invited speaker to give a 35-minute lecture at the Institute of Chemistry, Chinese Academy of Sciences (ICCAS)-HKU Joint Symposium, Beijing, October 2015
- Plenary speaker to give a lecture at the CCS 2014 Cross-Strait Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure cum 13th National Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure, Changchun, August 2014
- Plenary speaker to give a 30-minute lecture at the 8th National and Global Chinese Conference on Organic Molecules and Polymer Light-Emitting Materials and Their Opto-electronic Properties, Changchun, July 2013
- Keynote speaker to give a 50-minute lecture at the CAS Innovative Research International Partnership on Molecular Materials and Devices Research Workshop, Institute of Chemistry, Chinese Academy of Sciences, Beijing, June 2013
- Plenary speaker to give a 35-minute lecture at the 9th National and Global Chinese Symposium on Electronic Process in Organic Solids, Yangzhou, November 2012
- Plenary speaker to give a 35-minute lecture at the 6th National Symposium on Structural Chemistry (6th NSSC), Suzhou, October 2012
- Plenary speaker to give a 40-minute lecture at the CCS 2012 Cross-Strait Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure cum 12th National Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure, Xiangtan, Hunan, August 2012
- Plenary speaker to give a 30-minute lecture at the 5th Symposium on Molecular Chirality of Chinese Chemical Society & International Chiral Meeting, Zhang Jia Jie, Hunan, August 2012
- Plenary speaker to give a 50-minute lecture at the 11th National Conference on Solid State Chemistry and Inorganic Synthesis joint with the 2nd Dalton Transactions International Symposium, Shanghai, November 2010
- Invited speaker to give a 30-minute lecture at the CCS 2008 Cross-Strait Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure cum 10th National Symposium on Polymer Liquid Crystal State and Supramolecular Ordered Structure, Changchun, PR China, July 2008
- Invited speaker to give a 30-minute lecture at the 5th National Conference on Coordination Chemistry and (incorporating with) the 1st National Conference on Bioinorganic Chemistry, Sun Yat-Sen University (Zhongshan University), Guangzhou, November 2005
- Plenary speaker to give a 50-minute lecture at the 13th National Symposium on Organometallic Chemistry, Beijing, October 2004

- Keynote speaker to give a 30-minute inaugural lecture at the 11th Academician Meeting of the Chinese Academy of Sciences, Beijing, June 2002
- Keynote speaker to give a 20-minute lecture at the Chinese Academy of Sciences Mainland-Hong Kong Academicians Forum organized by the Beijing-Hong Kong Academic Exchange Centre, Hong Kong, May 2002
- Plenary speaker to give a 40-minute lecture at the 4th National Conference on Coordination Chemistry, Guilin, October 2001
- Plenary speaker to give a 30-minute lecture at the Twelfth National Meeting on Photochemistry, Wuyi, Fujian, October 2001
- Invited speaker to give a 30-minute lecture in the First National Symposium on Physico-Inorganic Chemistry, Chinese Academy of Sciences, Fuzhou, October 1996

K. Invited Lectures in Advanced Schools and National Summer Schools :

- Plenary Keynote speaker to give a 90-minute lecture at the 13th Asian Science Summer Camp (ASC 2019), China Education Association for International Exchange (CEAIE), Shantou, July 2019
- Special speaker to give three 2-hour lectures on “From Photophysics and Photochemistry to Functions and Applications of Luminescent Metal-Based Materials” at the Hokkaido Summer Institute 2019 (HSI 2019), Hokkaido University, Sapporo, Japan, June 2019
- Plenary speaker to give a 50-minute lecture at the XI International School on Organometallic Chemistry "Marcial Moreno Mañas" (MMM), EuCheMS ORFEO-CINQA Research Network, Oviedo, Spain, June 2018
- Invited speaker to give a 2-hour lecture series on “From Photophysics and Photochemistry to Functions and Applications of Luminescent Metal-Based Materials“ at the First France-Japan Advanced School on Chemistry and Physics of Molecular Materials (CNRS-JSPS), Rennes, France, March 2006
- Invited speaker to give a 6-hour lecture series on “Photochemistry and Luminescent Metal-Based Materials” under the theme Molecular-based Functional Materials at the National Chemistry Summer School at Peking University organized for selected graduate students from major universities in China, sponsored by the Ministry of Education and National Natural Science Foundation of China, Beijing, July 2003 (re-scheduled to August 2004)

L. Invited as Reviewer for International Refereed Journals, Books, and Book Proposals :

- Proceedings of National Academy of Sciences USA (National Academy of Sciences)
- Nature (Nature Publishing Group)
- Nature Materials (Nature Publishing Group)
- Nature Chemistry (Nature Publishing Group)
- Nature Photonics (Nature Publishing Group)
- Nature Communications (Nature Publishing Group)
- Science (American Association for the Advancement of Science)
- Science Advances (American Association for the Advancement of Science)
- Accounts of Chemical Research (American Chemical Society)
- Angewandte Chemie International Edition (Wiley-VCH)
- Journal of the American Chemical Society (American Chemical Society)
- Advanced Materials (Wiley-VCH)
- Chemical Science (Royal Society of Chemistry)
- Chemical Communications (Royal Society of Chemistry)
- Chemistry - A European Journal (Wiley-VCH)
- Chemistry - An Asian Journal (Wiley-VCH)
- Chemical Reviews (American Chemical Society)
- Chemical Society Reviews (Royal Society of Chemistry)
- Coordination Chemistry Reviews (Elsevier)
- Advanced Functional Materials (Wiley-VCH)
- Inorganic Chemistry (American Chemical Society)
- Organometallics (American Chemical Society)
- Dalton Transactions (Royal Society of Chemistry)
- ACS Nano (American Chemical Society)
- Chemistry of Materials (American Chemical Society)

- Macromolecules (American Chemical Society)
- Langmuir (American Chemical Society)
- Analytical Chemistry (American Chemical Society)
- ACS Applied Materials and Interfaces (American Chemical Society)
- Organic Letters (American Chemical Society)
- Journal of Organic Chemistry (American Chemical Society)
- Journal of Physical Chemistry A (American Chemical Society)
- Journal of Physical Chemistry B (American Chemical Society)
- Journal of Materials Chemistry (Royal Society of Chemistry)
- Organic Electronics (Elsevier)
- Applied Physics Letters (American Institute of Physics)
- ChemSusChem (Wiley-VCH)
- Scientific Reports (Nature Publishing Group)
- New Journal of Chemistry (Royal Society of Chemistry/CNRS)
- Physical Chemistry Chemical Physics (Royal Society of Chemistry and Deutsche Bunsen-Gesellschaft für Physikalische Chemie (DBG))
- Journal of Organometallic Chemistry (Elsevier)
- Inorganica Chimica Acta (Elsevier)
- Organic & Biomolecular Chemistry (Royal Society of Chemistry)
- Analyst (Royal Society of Chemistry)
- European Journal of Inorganic Chemistry (Wiley-VCH)
- Inorganic Chemistry Communications (Elsevier)
- Chemical Physics Letters (Elsevier)
- Crystal Growth and Design (American Chemical Society)
- Journal of Applied Physics (American Institute of Physics)
- Gold Bulletin (World Gold Council)
- Journal of Chemical Society, Faraday Transactions (Royal Society of Chemistry)
- Journal of Photochemistry and Photobiology A: Chemistry (Elsevier)
- Polyhedron (Elsevier)
- Tetrahedron Letters (Elsevier)
- Journal of Cluster Science (Plenum)
- Physics Letters A (Elsevier)
- Australian Journal of Chemistry (CSIRO)
- Synthetic Metals (Elsevier)
- Optical Materials (Elsevier)
- Materials Chemistry and Physics (Elsevier)
- Materials Research Bulletin (Pergamon-Elsevier)
- Mini-Reviews in Medicinal Chemistry (Bentham Science Publishers)
- Journal of Inclusion Phenomena and Macrocyclic Chemistry (Kluwer Academic Publishers)
- Book review for Angewandte Chemie (Wiley-VCH)
- Encyclopedia of Inorganic Chemistry
- Wiley-VCH Book Proposal Reviewer
- Springer Book Proposal Reviewer
- The Chinese University Press

M. Invited as Member of Research Funding Bodies :

- Member of the Research Grants Council (RGC), 2003-2007

N. Invited as Panel or Advisory Member in the Evaluation of Research Grant Applications and Research Assessment Exercises:

- Member of European Research Council (ERC) Synergy Grants Panel, Physical Sciences and Engineering Panel, European Research Council (2019-26)
- Member of the National Research Foundation (NRF) Competitive Research Programme (CRP) Expert Panel on Natural Sciences, National Research Foundation, Singapore (2013-23)
- Member of the Evaluation Panel for National Research Foundation (NRF) Fellowship Scheme, National Research Foundation, Singapore (2023-27)
- Member of European Research Council (ERC) Advanced Grants Panel, Physical Sciences and Engineering Panel, European Research Council (2007-13; 2015-16)
- Member of Review Board of Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) Priority Program on “Light Controlled Reactivity of Metal

Complexes", Deutsche Forschungsgemeinschaft (DFG, German Research Foundation), Germany (2018; 2021)
- Member of Evaluation Committee of Agencia Estatal de Investigación (Spanish State Research Agency) "Severo Ochoa and María de Maeztu Programme" in the Excellence Pillar of the Spanish State Plan of RDI to recognize Centres and Research Units of Excellence, Spanish Government, Spain (2018)
- Member of Review Panel of the National Research Foundation (NRF) Fellowship Scheme, National Research Foundation, Singapore (2018)
- Member of the Advisory Committee of the Canadian Institute for Advanced Research (CIFAR) Biology, Energy, Technology (re-named CIFAR Bio-inspired Solar Energy) Program (2014-24)
- Member of the ESF College of Expert Reviewers, European Science Foundation (ESF), Europe (2018-21)
- Member of Fulbright Advisory Committee, US Consulate (2014-)
- Invited to serve as External Expert Panel for Air Liquide Scientific Challenge, Paris, August 2016
- Member of the Jury for the French National Research Agency (ANR) "Investissements d'Avenir" (or "Investments for the future"), "Laboratories of Excellence" (LABEX) Programme, French National Research Agency (ANR) (2010-2012)
- Member of the University Grants Committee (UGC) Research Assessment Exercise (RAE) 2020 Physical Sciences Panel
- Member of the University Grants Committee (UGC) Research Assessment Exercise (RAE) 2014 Physical Sciences Panel
- Member of the 2006 Research Assessment Exercise (RAE) Physical Sciences Panel, Research Assessment Ad Hoc Group (RAG) of the University Grants Committee (UGC) (2005-07)
- Member of Assessment Panel for the Enterprise Support Scheme (ESS) under the Innovation Technology Fund, Innovation and Technology Commission (ITC) (2017-23)
- Member of Panel of Assessors for the Innovation and Technology Support Programme (ITSP) under the Innovation and Technology Fund, Innovation and Technology Commission (ITC) (2007-12)
- Member of Assessment Panel for the Guangdong-Hong Kong Technology Cooperation Funding Scheme (TCFS) under the Innovation and Technology Fund, Innovation and Technology Commission (ITC) (2007-12)
- External Reviewer of Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Project Review (Review and On-Site Review), National Science Council, Taipei, 2008
- External Reviewer of Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Mid-term Evaluation (Review and On-Site Review), National Science Council, Taipei, 2006
- External Reviewer of Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2009
- External Reviewer of Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2010
- External Reviewer of Program for NTU Excellence Research Project (Review and On-Site Review), National Taiwan University, Taipei, 2008
- Member of the Research Grants Council (RGC) Sciences, Medicine, Engineering and Technology Selection Panel (S Panel) of the Hong Kong PhD Fellowship Scheme (HKPFS) and Postdoctoral Fellowship Scheme (PDFS) (2022-24)
- Member of the Research Grants Council (RGC) Selection Panel for the Hong Kong PhD Fellowship Scheme (HKPFS) (2012-17)
- Member of the Research Grants Council (RGC) Physical Sciences Panel (1999-2004; 2019-25)
- Member of the Selection Committee of the NSFC/RGC Joint Research Scheme, Research Grants Council (2004-05)
- Member of the Joint Selection Committee for the France and Germany Joint Research Schemes of the Research Grants Council (2003-04)

O. Invited as Reviewer in Evaluation of Research Grant Applications :
- Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant, Canada 2021

- OPUS Funding Scheme, National Science Centre (Narodowe Centrum Nauki – NCN), Poland, 2016
- Science Vanguard Research Program, National Science Council, Taipei, 2016
- Investigator Programme Grant, Science Foundation Ireland (SFI), Ireland, 2015
- Centres of Research Excellence (CoREs) Fund, Royal Society of New Zealand, New Zealand, 2013
- Investigator Programme Grant, Science Foundation Ireland (SFI), Ireland, 2013
- JSPS Grant-in-Aid for Specially Promoted Research, Grants-in-Aid for Scientific Research (KAKENHI), Japan Society for the Promotion of Science (JSPS), 2013
- International Center for Frontier Research in Chemistry (icFRC), Strasbourg, 2013
- ERC Synergy Grant, European Research Council, 2012
- Portuguese Foundation for Science and Technology (FCT) Fund, Portugal, 2012
- Austrian Science Fund (FWF), Austria, 2012
- Hungarian Scientific Research Fund (OTKA), Hungary, 2012
- Principal Investigator Programme Grant, Science Foundation Ireland (SFI), Ireland, 2010
- NSF Grant, National Science Foundation, USA, 2010
- NSF Grant, National Science Foundation, USA, 2009
- NSERC Inter-American Collaboration in Materials Research (CIAM) Grant, Natural Sciences and Engineering Research Council of Canada (NSERC), 2009
- NSF Grant, National Science Foundation, USA, 2008
- NSF Collaborative Research in Chemistry (CRC) Program Grant, National Science Foundation, USA, 2008
- NSF Grant, National Science Foundation, USA, 2008
- NSF Grant, National Science Foundation, USA, 2007
- NSF Grant, National Science Foundation, USA, 2007
- Non-thematic Programme «Blanc», French National Research Agency, Agence Nationale de la Recherche (ANR), France, 2007
- Swiss National Science Foundation Grant, Swiss National Science Foundation, Switzerland, 2007
- Petroleum Research Fund, American Chemical Society, USA, 2007
- NSF Grant, National Science Foundation, USA, 2006
- NSF Grant, National Science Foundation, USA, 2006
- DOE (Basic Science) Research Grant, Department of Energy, USA, 2006
- Petroleum Research Fund, American Chemical Society, USA, 2006
- Academic Summit Program, National Science Council, Taipei, 2010
- Science Vanguard Research Program, National Science Council, Taipei, 2009
- Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2011
- Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2010
- Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2009
- Program for NTU Excellence Research Project (Review and On-Site Review), National Taiwan University, Taipei, 2008
- Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2007
- Program for NTU Excellence Research Project, National Taiwan University, Taipei, 2006
- NRF Grant, National Research Foundation (NRF), South Africa, 2006
- Competitive Earmarked Research Grant (CERG), Hong Kong Research Grants Council, 2006
- European Science Foundation (ESF) European Co-operation in the Field of Scientific and Technical Research (COST) Grant, European Commission, 2005
- Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Project Review (Review and On-Site Review), National Science Council, Taipei, 2008
- Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Mid-term Evaluation, National Science Council, Taipei, 2008
- Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Mid-term Evaluation (Review and On-Site Review), National Science Council, Taipei, 2006

- Program for Promoting Academic Excellence of Universities (PPAEU, Phase II) Pre-proposals, National Science Council, Taipei, 2005
- NSF Grant, National Science Foundation, USA, 2003
- HKBU FRG Research Grant, Hong Kong Baptist University, 2002
- HKBU FRG Research Grant, Hong Kong Baptist University, 2001
- Earmarked Grant for Research, Hong Kong Research Grants Council, 1999
- Earmarked Grant for Research, Hong Kong Research Grants Council, 1999
- CityU Direct Allocation Grant, City University of Hong Kong, 1998
- CityU Strategic Research Grant, City University of Hong Kong, 1998
- Earmarked Grant for Research, Hong Kong Research Grants Council, 1997
- Earmarked Grant for Research, Hong Kong Research Grants Council, 1996
- CityU Strategic Research Grant, City University of Hong Kong, 1996

P. Invited as External Assessor in the Promotion or Recruitment Exercise of Academic Staff :

- Evaluation of Professor Appointment, Stanford University, USA, 2025
- Evaluation of Promotion to Tenured Associate Professorship, Massachusetts Institute of Technology (MIT), USA, 2024
- Evaluation of Promotion to Full Professorship, Yale University, USA, 2022
- Evaluation of Professor Appointment, Princeton University, USA, 2022
- Evaluation of Promotion to Associate Professor Appointment, Massachusetts Institute of Technology (MIT), USA, 2021
- Evaluation of Tenured Associate Professor Appointment, Yale University, USA, 2021
- Evaluation of Tenured Associate Professor Appointment, École polytechnique fédérale de Lausanne (EPFL), Switzerland, 2021
- Evaluation of Promotion to Full Professorship, City University of Hong Kong, 2022
- Evaluation of Tenured Professor Appointment, CUHK-Shenzhen, 2021
- Evaluation of Tenured Associate Professor Appointment, CUHK-Shenzhen, 2021
- Evaluation of Promotion to Full Professorship, Chalmers University of Technology, Sweden, 2019
- Evaluation of Tenured Professor Appointment, University of Vienna, Vienna, 2019
- Evaluation of Tenured Associate Professor Appointment, Seoul National University, Korea, 2019
- Evaluation of Tenured Associate Professor Appointment, SUSTech, 2020
- Evaluation of Tenured Associate Professor Appointment, Tsinghua University, 2019
- Evaluation of Tenured Associate Professor Appointment, Tsinghua University, 2019
- Evaluation of Appointment to Full Professorship, University of Rochester, USA, 2019
- Evaluation of Promotion to Chair Professorship, Durham University, UK, 2019
- Evaluation of Promotion to Distinguished Professorship, Texas A & M University, USA, 2018
- Evaluation of Probation, Kings College London, UK, 2018
- Evaluation of Promotion to Full Professorship, University of Otago, New Zealand, 2018
- Evaluation of Tenured Associate Professor Appointment, Tsinghua University, 2018
- Evaluation of Appointment to Professor, Hong Kong Polytechnic University, 2017
- Evaluation of Promotion to Distinguished Professorship, Texas A & M University, USA, 2017
- Evaluation of Promotion to Full Professorship, Case Western Reserve University, USA, 2017
- Evaluation of Promotion to Reader, Imperial College London, UK, 2017
- Evaluation of Promotion to Full Professorship (with indefinite tenure), Northwestern University, USA, 2016
- Evaluation of Promotion to Full Professorship, University of Western Australia, Australia, 2016
- Evaluation of Promotion to Full Professorship, University of Akron, USA, 2016
- Evaluation of Promotion to Full Professorship, Georgetown University, USA,

2016
- Evaluation of Promotion to Full Professorship, University of Zurich, Switzerland, 2015
- Evaluation of Tenured Professor Appointment, Peking University, 2015
- Evaluation of Substantiation (Tenure) of Appointment to Professorship, Hong Kong Baptist University, 2014
- Evaluation of Tenured Faculty Appointment, University of Akron, USA, 2014
- Evaluation of Tenured Faculty Appointment, Worchester Polytechnic Institute, USA, 2014
- Evaluation of Promotion to Distinguished Professorship, University of Florida, USA, 2013
- Evaluation of Appointment to Full Professorship, University of Rochester, USA, 2013
- Evaluation of Promotion to Full Professorship, University of Cincinnati, USA, 2013
- Evaluation of Promotion to Full Professorship, Pennsylvania State University, USA, 2012
- Evaluation of Promotion to Professor, Durham University, UK, 2012
- Evaluation of Appointment to Chair Professorship, Hong Kong Baptist University, 2011
- Evaluation of Promotion to Full Professorship, Georgia Institute of Technology, USA, 2010
- Evaluation of Promotion to Chair Professor, Durham University, UK, 2010
- Evaluation of Candidate for Headship of Department, City University of Hong Kong, 2015
- Evaluation of Candidate for Headship of Department, Hong Kong University of Science and Technology, 2010
- Evaluation of Candidate for Full Professorship and Headship of Department, National University of Singapore, 2009
- Evaluation of Tenured Associate Research Fellow Appointment, Institute of Chemistry, Academia Sinica, Taipei, 2009
- Evaluation of Tenured Faculty Appointment, Ohio State University, USA, 2009
- Evaluation of Promotion to Reader, Imperial College London, UK, 2007
- Evaluation of Promotion to Full Professor, University of British Columbia, Canada, 2006
- Evaluation of Promotion to Chair Professor, Imperial College London, UK, 2006
- Evaluation of Promotion to Professor, Tokyo Institute of Technology, Japan, 2006
- Chairman of Academic Committee for the Promotion to Distinguished Research Fellow, Institute of Chemistry, Academia Sinica, Taipei, 2008-09
- Appointed as External Evaluation Assessor of National Chair, Ministry of Education, Taipei, 2005-2018
- Evaluation of Promotion to National Chair, Ministry of Education, Taipei, 2025
- Evaluation of Promotion to National Chair, Ministry of Education, Taipei, 2022
- Evaluation of Promotion to National Chair, Ministry of Education, Taipei, 2021
- Member of International Advisory Committee for Department of Chemistry, Tsinghua University, Beijing, PR China
- Member of Search Committee for Director of Institute of Chemistry, Academia Sinica, Taipei, 2010-11
- Chairman of Academic Committee for the Promotion to Distinguished Research Fellow, Institute of Chemistry, Academia Sinica, Taipei, 2005-06
- Evaluation of Promotion to Associate Research Fellow with tenure, Institute of Chemistry, Academia Sinica, Taipei, 2008
- Evaluation of Recruitment of Faculty Position, South University of Science and Technology (SUSTC), Shenzhen, 2011
- Review of Appointment to Professorship, Hong Kong Baptist University, 2006
- Review of Appointment to Professorship, Hong Kong Baptist University, 2005
- Evaluation of Candidate for Headship of Department, Hong Kong University of Science and Technology, 2004
- Promotion to Senior Lectureship, The Chinese University of Hong Kong, 1999
- Promotion to Professor (Reader), City University of Hong Kong, 2000
- Substantiation of Appointment to Associate Professor, Hong Kong Baptist University, 2000

- Promotion to Professor (Reader), Hong Kong Polytechnic University, 2002
- Substantiation of Appointment, Hong Kong Baptist University, 2002

Q. Invited as External Reviewer / Nominator in the Membership/Fellowship of National Academies, Award of Outstanding Researcher and Research Awards :

- Invited nominator, Nobel Prize in Chemistry, Sweden (since 2012)
- Invited nominator, Science for the Future Ernest Solvay Prize (Solvay Prize) (since 2025)
- Invited Official Nominator, Japan Prize, Japan (since 2014)
- Invited nominator, VinFuture Prize for the VinFuture Prize Foundation, Vietnam (since 2021)
- Fellow, Royal Society of Canada, 2017
- Fellow, Australian Academy of Science, Australia, 2018
- Invited to serve as Member of the Selection Committee for the King Faisal Prize in Science (Chemistry) 2019, King Faisal Prize Foundation, Saudi Arabia (2019)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2021, L'Oréal Foundation, France (2020-21)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2019, L'Oréal Foundation, France (2018-19)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2017, L'Oréal Foundation, France (2016-17)
- Invited to serve as Member of the International Jury in the Physical Sciences for the L'Oréal-UNESCO Awards 2015, L'Oréal Foundation, France, 2014-15
- Fellow, TWAS, The World Academy of Sciences - for the advancement of science in developing countries, 2015
- Invited to serve as Member of the Pre-Screening Committee for the review of the VinFuture Prize for the VinFuture Prize Foundation, Vietnam (2021-25)
- Fellow, Australian Academy of Science, Australia, 2015
- TWAS Prize in Chemistry, The World Academy of Sciences - for the advancement of science in developing countries, 2015
- TWAS Prize in Chemistry, The World Academy of Sciences - for the advancement of science in developing countries, 2014
- Fellow, Royal Society of Canada, 2014
- Fellow, Australian Academy of Science, Australia, 2014
- Invited to serve as Member of the Canvassing Committee for 2022 ACS Central Science Disruptors and Innovators Prize, American Chemical Society (ACS), 2021
- Invited to serve as Member of the Executive Committee for 2020 Inorganic Chemistry Lectureship Award, American Chemical Society (ACS), 2020
- Invited to serve as Member of the Executive Committee for 2016 Inorganic Chemistry Lectureship Award, American Chemical Society (ACS), 2016
- Invited to serve as Member of the TWAS Independent Expert Committee (IEC) for the review of TWAS Prize candidates in the field of Chemistry (2016-18; 2020-22)
- Invited to serve as Member of the Selection Committee for the inaugural Recticular Science Prize, Atoco (2025-)
- Invited to serve as Member of the Selection Committee for the 2018 Izatt-Christensen Award on Macrocyclic and Supramolecular Chemistry (2018)
- Invited to serve as Member of the ESF College of Expert Reviewers, European Science Foundation (ESF), Europe (2018-21)
- Invited to serve as External Expert Panel for Air Liquide Scientific Challenge, Paris, August 2016
- Gutenberg Chair, Cercle Gutenberg, Alsace region, France, 2014
- President's Science Awards, A-Star, Singapore, 2013
- Fellow, Australian Academy of Science, Australia, 2018
- Fellow, Australian Academy of Science, Australia, 2013
- Fellow, Australian Academy of Science, Australia, 2012
- Fellow, TWAS, The World Academy of Sciences - for the advancement of science in developing countries, 2012
- Invited nominator, Robert A. Welch Award in Chemistry, The Welch Foundation, USA (since 2012)
- Invited nominator, Nobel Prize in Chemistry, Sweden (since 2012)
- Invited member of 2016 & 2018 Qiu Shi Outstanding Scientist and Outstanding

Scientific Research Team Awards Selection Committee in the Area of Mathematics, Physics and Chemistry, Qiu Shi Science and Technologies Foundation (2015-16; 2017-18)
- Invited to serve as Co-Chair of Tencent New Cornerstone Investigator Program Selection Panel in the area of Chemistry, Tencent Foundation (2022-24)
- Invited to serve as Co-Chair of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation (2023-)
- Invited to serve as Deputy Chair of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation (2022-23)
- Invited member of Tencent Science Explorer Prize (Xplorer Prize) Selection Panel in the area of Chemistry, Tencent Foundation, 2018-23
- Invited to serve as Chair of New Materials and New Energy Panel for the review of the Bank of China Hong Kong (BOCHK) Science and Technology Innovation Prize (STIP), Hong Kong (2022-)
- Invited nominator, Physical Sciences Prize of 2016 Future Science Prize, Future Forum, Beijing (since 2016)
- National Academic Awards in Chemistry, Ministry of Education, Taipei, 2019
- James Cook Research Fellowship, Royal Society of New Zealand, New Zealand, 2012
- Fellow, TWAS, The World Academy of Sciences - for the advancement of science in developing countries, 2011
- Gutenberg Chair and Prize, Cercle Gutenberg, Alsace region, France, 2011
- RSC Corday-Morgan Prize, Royal Society of Chemistry, UK, 2011
- James Cook Research Fellowship, Royal Society of New Zealand, New Zealand, 2011
- Institute de France's Foundation Louis D. Scientific Award for 2010 for "Sustainable Energy" Scientific Prize, International Scientific Prize of the Louis D. Foundation, France, 2010
- President's Science Awards, A-Star, Singapore, 2010
- Invited to serve as Member of the Selection Committee for the assessment of applications for the State Natural Science Award (SNSA) in Hong Kong, Research Grants Council, Hong Kong, 2012
- State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China, 2011
- Panel Member of the Evaluation Committee for the State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China, 2010
- Panel Member of the Evaluation Committee for the State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China, 2008
- Member of the Selection Committee for the assessment of applications for the State Natural Science Award (SNSA) in Hong Kong, Research Grants Council, Hong Kong, 2008
- State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China, 2007
- State Natural Science Award, National Organization of Science and Technology Awards (NOSTA), State Council, PR China, 2006
- Chairman, Pfizer Signature Lectureship Award Review Committee, 9th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 6th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Singapore, 2006
- Chairman, German Institute of Science and Technology (GIST) Young Speaker Prizes Panel of Judges, 9th International Symposium for Chinese Organic Chemists (ISCOC-9) and the 6th International Symposium for Chinese Inorganic Chemists (ISCIC-6), Singapore, 2006
- National Academic Awards in Chemistry, Ministry of Education, Taipei, 2010, 2019
- Outstanding Research Awards in Chemistry, National Science Council, Taipei, 2002-04; 2006-15, 2018)

R. Invited as External Advisor or Member of Academic Consultation Panel for Faculties and Departments :
- External Advisor, Department of Chemistry, Hong Kong University of Science

and Technology, 1 April 2008 - 31 March 2011
- Member of the Academic Consultation Panel for the Faculty of Science and Its Departments, Hong Kong Baptist University, 2004

S. Invited as External Examiner in the Award of Higher Degrees :
- Ph.D., The Hong Kong University of Science and Technology, 2017
- Ph.D., The Hong Kong Baptist University, 2017
- Ph.D., Université Bordeaux 1, CNRS, France, 2011
- Ph.D., The Hong Kong Polytechnic University, 2011
- Ph.D., The Hong Kong University of Science and Technology, 2008
- Ph.D., The Hong Kong Baptist University, 2008
- Ph.D., Université Pierre et Marie Curie, CNRS (Université Paris VI), France, 2007
- Ph.D., University of British Columbia, Canada, 2005
- Ph.D., The Chinese University of Hong Kong, 2005
- Ph.D., University of Melbourne, Australia, 2004
- Ph.D., City University of Hong Kong, 2004
- Ph.D., City University of Hong Kong, 2004
- Ph.D., The Hong Kong University of Science and Technology, 2003
- Ph.D., City University of Hong Kong, 2003
- Ph.D., National University of Singapore, 2003
- Ph.D., University of Zaragoza, Spain, 2002
- Ph.D., The Chinese University of Hong Kong, 2001
- Ph.D., National University of Singapore, 2000
- Ph.D., The Hong Kong Polytechnic University, 2000
- Ph.D., City University of Hong Kong, 2000
- Ph.D., City University of Hong Kong, 2000
- Ph.D., The Chinese University of Hong Kong, 2000
- Ph.D., City University of Hong Kong, 1999
- Ph.D., The Chinese University of Hong Kong, 1999
- Ph.D., The Chinese University of Hong Kong, 1999
- Ph.D., The Hong Kong Polytechnic University, 1998
- Ph.D., The Hong Kong University of Science and Technology, 1998
- Ph.D., The Hong Kong Polytechnic University, 1998
- Ph.D., The Hong Kong University of Science and Technology, 1997
- Ph.D., The Chinese University of Hong Kong, 1997
- M.Phil., City University of Hong Kong, 1998
- M.Phil., City University of Hong Kong, 1998
- M.Phil., Hong Kong Polytechnic University, 1996
- M.Phil., The Chinese University of Hong Kong, 1996

T. Invited as External Examiner in the Award of Bachelor Degrees :
- External Advisor, Department of Chemistry, Hong Kong University of Science and Technology, 1 April 2008 - 31 March 2011
- External Examiner for B.Sc. (Hons.) in Applied Chemistry, Hong Kong Baptist University, 1 September 1998 - 31 August 2001
- External Course Assessor, School of Science and Technology, The Open University of Hong Kong, 1998 - 99

U. Invited as External Reviewer / Assessor in the Award of Scholarships and Fellowships :
- Member of Selection Panel for the Hong Kong Ph.D. Fellowship Scheme (HKPFS), Research Grants Council (since 2013)
- Member of Selection Panel for the Croucher Scholarships and Fellowships Scheme, Croucher Foundation (since 2011)

V. Organizer of Local Conferences :
- Chairman of the organizing committee for the Theme-based Research Scheme (TRS) Public Symposia 2013 (under the auspices of the Research Grants Council), The University of Hong Kong, December 2013
- Chairman of the organizing committee for the Third Symposium on Chemistry Postgraduate Research in Hong Kong, The University of Hong Kong, February 1996 (supported by RGC Postgraduate Students Conference/Seminar Grant)

List of Publications :

A. *Edited Volumes and Issues / Editorial / Articles for Promotion of Science and Women in Science*

1 Yam, V.W.W. (Guest Editor), "15th International Symposium on the Photochemistry and Photophysics of Coordination Compounds, Hong Kong, July '04", *Coordination Chemistry Reviews*, **2005**, Vol. 249, Issues 13-14 (July 2005), pp. 1295-1516, Elsevier Science (ISSN 0010-8545).

2 Yam, V.W.W. (Guest Editor), "Inorganic Chemistry in Hong Kong", *Coordination Chemistry Reviews*, **2007**, Vol. 251, Issues 17-20 (September 2007), pp. 2103-2488, Elsevier Science (ISSN 0010-8545).

3 Yam, V.W.W. (Volume Editor), "Photofunctional Transition Metal Complexes", *Structure and Bonding*, **2007**, Volume 123, pp. 1-259, Springer (ISSN 0081-5993; ISBN 978-3-540-36809-0).

4 Yam, V.W.W. (Guest Editor), "6th National Conference on Coordination Chemistry (*cum* International Symposium on Coordination Chemistry)", *Science China Chemistry* (Formerly *Science in China Series B: Chemistry*), **2010**, Volume 53, Issue 10 (October 2010), pp. 2077-2214, Science China Press – Springer-Verlag (ISSN 1674-7291).

5 Yam, V.W.W. (Monograph Editor), "WOLEDs and Organic Photovoltaics – Recent Advances and Applications", **2010**, Springer (ISBN 978-3-642-14934-4).

6 Yam, V.W.W. (Volume Editor), "Coordination and Organometallic Chemistry", *Comprehensive Inorganic Chemistry II*, Volume 8, Elsevier, **2013**, Elsevier (ISBN 978-0-08-096529-1).

7 Yam, V.W.W. (Volume Editor), "Inorganic Photochemistry", *Comprehensive Inorganic Chemistry III*, Volume 8, Elsevier, **2023**, Elsevier (ISBN 978-0-12-823153-1).

8 Zheng, Z.; Wang, J.; Yam, V.W.W.; Zhang W.; Tang, B.Z.; Wong, R.M.S. "Special Issue: Materials Science and Engineering Research in Hong Kong", *Advanced Materials*, **2014**, Volume 26, Issue 31 (August 20, 2014), pp. 5225-5576, Wiley-VCH (ISSN 0935-9648).

9 Yam, V.W.W. (together with Fujita, Makoto and Toste, F. Dean) (Guest Editors), "Supramolecular Chemistry in Confined Space and Organized Assemblies", *Accounts of Chemical Research*, **2018**, Volume 51 (December 2018), American Chemical Society (ISSN 0001-4842).

10 Yam, V.W.W. (Invited Editorial), "Inorganic Chemistry: A Prestigious History and a Bright Future", *Angewandte Chemie International Edition*, **2015**, *54*, 8304-8305.

11 Yam, V.W.W. (as Co-signatory) in Comments by Bernstein, A.; Sargent, E.H.; Aspuru-Guzik, A.; Cogdell, R.; Fleming, G.R.; van Grondelle, R.; Molina, M. "Renewables Need a Grand-Challenge Strategy" in *Nature*, **2016**, *538*, 30.

12 Matlin, S.A.; Yam, V.W.W.; Hopf, H.; Krief, A.; Mehta, G. *Tackling Science's Gender-Parity Problem.* Posted online by *Project Syndicate*, **9 February 2018** https://www.project-syndicate.org/commentary/steps-toward-science-gender-parity-by-stephen-matlin-et-al-2018-02?barrier=accesspaylog.

13 Mehta, G.; Yam, V.W.W.; Krief, A.; Hopf, H.; Matlin, S.A. "The Chemical Sciences and Equality, Diversity, and Inclusion", *Angewandte Chemie International Edition*, **2018**, *57*, 14690-14698.

14 Matlin, S.A.; Yam, V.W.W.; Mehta, G.; Krief, A.; Hopf, H. (Editorial) "The Need for Cultural Competence in Science: A Practical Approach to Enhancing Equality, Diversity, and Inclusion", *Angewandte Chemie International Edition*, **2019**, *58*, 2912-2913.

15 Yam, V.W.W. *Encouraging Woman and Girls in Science.* International Organization for Chemical Sciences in Development, Namur, posted online **February 2019**. http://www.iocd.org/perspectives/Perspective2019-IOCD-02b-Yam.pdf.

16 Yam, V.W.W. (as one of the >50 co-authors) "Charting a Course for Chemistry", *Nature Chemistry*, **2019**, *11*, 286-294 (On the occasion of *Nature Chemistry* turning 10 years old).

17 Proppe, A.H.; Li, Y.G.C.; Aspuru-Guzik, A.; Berlinguette, C.P.; Chang, C.J.; Cogdell, R.; Doyle, A.G.; Flick, J.; Gabor, N.M.; van Grondelle, R.; Hammes-Schiffer, S.; Jaffer, S.A.; Kelley, S.O.; Leclerc, M.; Leo,K.; Mallouk, T.E.; Narang, P.; Schlau-Cohen, G.S.; Scholes, G.D.; Vojvodic, A.; Yam, V.W.W.; Yang, J.Y.; Sargent, E.H. "Bioinspiration in Light Harvesting and Catalysis", *Nature Reviews Materials*, **2020**, *5*, 828-846.

18 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.;

Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Nature Chemistry*, **2020**, *12*, 773-776.

19 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.; Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Angewandte Chemie International Edition*, **2020**, *59*, 18306-18310.

20 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.; Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Journal of the American Chemical Society*, **2020**, *142*, 14393-14396.

21 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.; Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Chemical Science*, **2020**, *11*, 9043-9047.

22 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.; Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Canadian Journal of Chemistry*, **2020**, *98*, 597-600.

23 Urbina-Blanco, C.A.; Jilani, S.Z.; Speight, I.R.; Bojdys, M.J.; Friščić, T.; Stoddart, J.F.; Nelson, T.L.; Mack, J.; Robinson, R.A.S.; Waddell, E.A.; Lutkenhaus, J.L.; Godfrey, M.; Abboud, M.I.; Aderinto, S.O.; Aderohunmu, D.; Bibič, L.; Borges, J.; Dong, V.M.; Ferrins, L.; Fung, F.M.; John, T.; Lim, F.P.L.; Masters, S.L.; Mambwe, D.; Thordarson, P.; Titirici, M.M.; Tormet-González, G.D.; Unterlass, M.M.; Wadle, A.; Yam, V.W.W.; Yang, Y.W. "A Diverse View of Science to Catalyse Change", *Croatica Chemica Acta*, **2020**, *93*, 77-81.

24 Founding Signatory, ***UNESCO International Day of Light 2021***; a Champion of ***LightDay2021***.
https://www.lightday.org/trust-science-2021

B. Journal Articles and Book Chapters

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Administrative Duties :

A. Present and Previous Memberships of University Committees

- Vice-President and Pro-Vice-Chancellor (Global Innovation Centre) (VP & PVC (GIC)) (Interim) (2 October 2024 –)
- Dean (Interim) of Science (1 August 2021 - 7 November 2022)
- Member of Campus Development and Planning Committee (1 August 2018 – 31 July 2024)
- Member of the Physical Sciences and Engineering Panel of the University Selection and Promotion Committee (USPC) (2015-21)
- Member of the University Research Committee (1 February 2018 - 31 January 2028)
- Chairman of the Tenders Board, Finance Committee (7/2014-12/21)
- Deputy Chairman of the Tenders Board, Finance Committee (7/2010-6/14)
- Chairman of the URC Sub-Committee on HKU Centennial Distinguished Chinese Scholars Scheme (2018-21)
- Member of the URC Sub-Committee on HKU Centennial Distinguished Chinese Scholars Scheme (2014-28)
- Member of the URC Sub-Committee on Research Visitorshp & Exchange (2019-2028)
- Member of the URC Research Awards Sub-Committee (2018-28)
- Chairman of the Sub-Committee on Outstanding Researcher Awards (ORA) of the University Research Committee (2018-19)
- Member of Research Award Sub-Committee of the University Research Committee (URC) (2019-21)
- Chairman of the Working Group on RAE 2020 Preparation - Supplementary Funding for Faculties/Units of Assessment (URC) (2018)
- Co-Chair of the Task Force for No. 2 University Drive Redevelopment (Tech Landmark) of the Project Group for No. 2 University Drive Redevelopment (2019-20)
- Member of the Project Group for Tech Landmark (2020-) after my appointment as Chair of the No.2 U Drive Planning Group (2015-18)
- Chairman of the Task Force on GRF/ECS Competitiveness of the University Research Committee (URC) (2017-)
- Chairman of the Task Force on Faculty proposals for GRF/ECS Incentive Schemes (URC) (2018)
- Member of China Initiative Task Force (2018)
- Member of Task Force on the Global Innovation Centre (GIC) (2022-)
- Member of Task Force on PRD Review (2022-)
- Member of Selection Committee of the newly established Leong Che-Hung Distinguished Visiting Professorship in Leadership (Jan 2019 - Dec 2022)
- Member of the Task Force for Research Administration (2021-)
- Member of Professoriate Advisory Group for the Estates Office (2022-)
- Member of the Search Committee for Dean of Science (2015)
- Member of the Search Committee for Pro-Vice Chancellor (Research) (2014)
- Member of the Selection Committee for the Distinguished Research Achievement Award (DRAA) of the University (2011, 2015, 2019, 2021, 2023)
- Member of the Accommodation Committee (1 January 1998 - 31 December 2018)
- Chairman of the Committee on Centrally-Timetabled Classrooms and Meeting Venues (Sub-Committee of Accommodation Committee)
- Chairman of the Project Group on Upgrading of Main Building and Hung Hing Ying Building (Accommodation Committee)
- Member of the Project Group on Li Shu Fan Complex Redevelopment - CENCAM/HRI (Accommodation Committee)
- Chairman and Member of the Physical Sciences Panel of the Internal Research Strategy Exercise (IRSE) of the University Research Committee Task Force on IRSE (2002-03)
- Convenor of the University's Strategic Research Theme on Organic Optoelectronics (2004-08)
- Convenor of the University's Strategic Research Theme on Molecular Materials (2008-13)
- Convenor of the University's Strategic Research Theme on New Materials (2013-17)
- Convenor and Co-Leader of the University's Strategically-Oriented Research Theme (SORT) on Functional Materials for Molecular Electronics Towards Materials and

Energy Applications (since 2018)
- Member of the Assessment Panel of Seed Funding Scheme to support incubation of preliminary proposals for CRF of the University Research Committee (URC) (2014-)
- Member of the Seed Applied Sub-Group of the URC Sub-Committee for Support of Research Projects (2011-13)
- Member of the Policy Board of Postgraduate Education (2002-06; 2013-16)
- Member of the Senate (Chair Professor) (1999-03)
- Member of the Sub-Committee for the Seed Funding Programme for Applied Research of the University Research Committee (2009-11)
- Member of the Review Panel of the Faculty of Medicine (2016)
- Member of the Review Panel of the Estates Office (2013)
- Member of the Review Panel of the Faculty of Dentistry (2011)
- Member of the Review Panel of the Journalism and Media Studies Centre (2007)
- Member of the Committee on Enquiry into Possible Good Cause (2022-24)
- Member of the Committee on Personnel Matters ("CPM"), a Sub-Committee of the Human Resource Policy Committee (2005-13)
- Member of the Ad Hoc Committee on the Termination of Term of Service II Staff (2005)
- Member of the Working Group on Rationalising the Academic Services and Administrative Departments (2003-04)
- Member of the Review Committee for the Formative and the Summative Staff Progress Reviews (2003-04)
- Member of the Review Panel of the Faculty of Medicine (2002-03)
- Member of the Task Force on the Review of the MPhil Programme (2003-04)
- Member of the Task Force on the RGC Visit to HKU (2007-08)
- Member of the Committee on Higher Doctorates (2004-08; 2010-14; 2025-27)
- Member of the Sub-Committee on Outstanding Young Researcher Awards (OYRA) of the University Research Committee (2016-18)
- Member of the Sub-Committee on Outstanding Researcher Awards (ORA) of the University Research Committee (2002; 2014)
- Member of the Sub-Committee on Seed Funding Programme of the University Research Committee (1999-03)
- Member of the Ad-Hoc Small Group of the Seed Funding for Basic Research programme of the University Research Committee (2006-08)
- Member of the Electron Microscope Unit Committee of Management (EMUCM) (2003-07)
- Member of the Robert Black College Committee of Management (1 January 2002 – 31 December 2019)
- Member of the Working Group on Selection of Master of the Robert Black College (2015)
- Elected Member of the Working Group on Selection of Master of the Robert Black College (2004)
- Member of the Committee on Swire/Wang Gungwu Scholarship (1 January 2002 – 31 December 2016)
- Member of the Senate (1 December 1994 - 30 November 2000, elected by the non-professorial teachers of the Faculty of Science to serve for two consecutive terms)
- Founding Member of the Centre for Materials Science (since 1994)

B. <u>Present and Previous Memberships of Faculty Committees</u>
- Dean (Interim) of Science (1 August 2021 - 7 November 2022)
- Member of the Science Faculty Planning Committee (1 December 1994 - 30 November 2000)
- Member of the Science Faculty Course and Time-table Committee now renamed as the Science Faculty Curriculum Review and Time-table Committee, 1 December 1994 - 30 November 2000)
- Member of the Science Faculty Teaching Quality Committee (1 December 1994 - 30 November 2000)
- Member of the Science Faculty Review Committee for B.Sc. Curriculum (1 June 1994 - 31 May 1998)
- Member of Advisory Panel for Selection of Director of School of Biological Sciences (2015)
- Member of the Committee for the M.Sc. in Materials Science (1 December 1994 - 30 June 1996)

- Member of the Science Faculty Curriculum Reform Task Force (1997-now)
- Member of the Science Faculty Higher Degrees Committee (1996-2001)
- Serve as Chairman of Oral Examination for Higher Degrees (1996-99)
- Member of the Organizing Committee for the Diamond Jubilee Celebrations of Science Faculty (1998-2000)
- Member of the Publication Committee for the Diamond Jubilee Commemorative Publication in celebration of the Science Faculty Diamond Jubilee (1998-2000)

C. Present and Previous Periods of Service with Faculty Responsibility
- Deputy Coordinator for the M.Sc. in Materials Science (1 December 1994 - 30 June 1996)
- Postgraduate Admissions Tutor for the M.Sc. in Materials Science (1995-96)

D. Present and Previous Periods of Service with Departmental Responsibility
- Head of Department of Chemistry (1/2000-12/2005)
- Staff Representative on the Student-Staff Consultative Committee (1991- 2005)
- Academic Committee on Tenure and Promotion (2014-)
- Departmental Accommodation Committee (2010-)
- Departmental Curriculum Committee (2009-16)
- Chairman of Departmental Research Postgraduate Committee (DRPC) (2016-19)
- Departmental Research Postgraduate Committee (DRPC) (1999-now)
- Departmental Resource Person for Sexual Harassment (1998-2000)
- Departmental Seminar Organizer (1991-96)
- Departmental Graduate Students Seminar Organizer (1991-96)
- Advisor to Second Year Elective Courses (1998)
- Advisor to Final Year Elective Courses (1993-96)
- Departmental Safety Committee (1994-2013)
- Departmental Representative on the Committee for the Selection of Heads of Teaching Departments for Chemistry (1996)

E. Other Administrative Duties
- Coordinator of The University Team in the annual Hong Kong Chemistry Olympiad Competition for undergraduates organized jointly by the Royal Society of Chemistry (UK) and the Hong Kong Chemical Society (1992-95)
- The University's Representative Member on the Organizing Committee of the Annual Symposium on Chemistry Postgraduate Research in Hong Kong to promote research activities and interactions among the tertiary institutions in Hong Kong. This will be held annually and will be hosted by the various tertiary institutions on a rotational basis (1994-2000)

F. Community Service
- Member of the Board of Trustees for the Croucher Foundation (2012-)
- Member of the Board of Directors of the Hong Kong Academy of Sciences (2019-)
- Chairman of the Expert Panel on the Designation of Designated Local Research Institutions (DLRI), Innovationand Technology Commission, Government of the Hong Kong Special Administrative Region (Jan 2019 - Dec 2024)
- Chairman of the Accreditation Advisory Board (AAB), Commerce and Economic Development Bureau, Government of the Hong Kong Special Administrative Region (2012-18)
- Chairman of the Working Party on Strategic Development and Policy, Accreditation Advisory Board (AAB), Commerce and Economic Development Bureau, Government of the Hong Kong Special Administrative Region (2014-18)
- Member of the Hong Kong Council for Testing and Certification, Government of the Hong Kong Special Administrative Region (2011-17)
- Member of the Board of Directors for Nano and Advanced Materials Institute (NAMI) Limited (2017-22)
- Member of the Accreditation Advisory Board (AAB), Commerce and Economic Development Bureau, Government of the Hong Kong Special Administrative Region (2010-12)
- Chairman of the newly established Working Party for Pharmaceutical Product Testing Laboratory Accreditation, Accreditation Advisory Board (AAB), Commerce and Economic Development Bureau, Government of the Hong Kong Special

Administrative Region (2011-14)
- Member of the Administrative Appeals Board of the Administrative Appeals Board Ordinance appointed by the Chief Executive, Government of the Hong Kong Special Administrative Region (2009-15)
- Museum Expert Advisor (Science & Technology Panel) of the Leisure and Cultural Services Department, Government of the Hong Kong Special Administrative Region (2016-24)
- Member of the Appeal Board Panel of the Toys and Children's Products Safety Ordinance, Commerce and Economic Development Bureau, Government of the Hong Kong Special Administrative Region (2016-21)
- Member of the Appeal Board Panel of the Consumer Goods Safety Ordinance, Commerce and Economic Development Bureau, Government of the Hong Kong Special Administrative Region (2007-13)
- Member of the High-level Advisory Panel (HAP) of the Chief Executive's Award for Teaching Excellence (ATE), Education and Manpower Bureau, Government of the Hong Kong Special Administrative Region (2005-06)
- Member of the Curriculum Development Council Chemistry Subject Committee (Sixth Form) of the Education Department, Government of the Hong Kong Special Administrative Region (1995-99)
- A-Level Examiner (Chemistry), Hong Kong Examinations Authority, Government of Hong Kong (1994-96)
- Member of the Research Grants Council (RGC) (2003–07)
- Member of the University Grants Committee (UGC) Research Assessment Exercise (RAE) 2020 Physical Sciences Panel
- Member of the University Grants Committee (UGC) Research Assessment Exercise (RAE) 2014 Physical Sciences Panel
- Member of the University Grants Committee (UGC) Research Assessment Exercise (RAE) 2006 Physical Sciences Panel, Research Assessment Ad Hoc Group (RAG) of the UGC (2005-07)
- Member of Assessment Panel for the Enterprise Support Scheme (ESS) under the Innovation Technology Fund, Innovation and Technology Commission (ITC) (2017-23)
- Member of Panel of Assessors for the Innovation and Technology Support Programme (ITSP) under the Innovation and Technology Fund, Innovation and Technology Commission (ITC) (2007-12)
- Member of Assessment Panel for the Guangdong-Hong Kong Technology Cooperation Funding Scheme (TCFS) under the Innovation and Technology Fund, Innovation and Technology Commission (ITC) (2007-12)
- Mentor of Innovation and Technology Scholarship Award Scheme, jointly sponsored and supported by the Innovation and Technology Commission and The Hongkong Bank Foundation and organized by The Hong Kong Federation of Youth Groups (2011–)
- Mentor of Distinguished Master Accomplished Students Mentorship Programme, jointly sponsored and supported by The Academy of Sciences of Hong Kong, The Hong Kong Academy of Engineering Sciences and Hong Kong Institution of Science (2018-)
- Member of the Research Grants Council (RGC) Sciences, Medicine, Engineering and Technology Selection Panel (S Panel) of the Hong Kong PhD Fellowship Scheme (HKPFS) and Postdoctoral Fellowship Scheme (PDFS) (2022-24)
- Member of the Research Grants Council (RGC) Selection Panel for the Hong Kong PhD Fellowship Scheme (HKPFS) (2012-18)
- Member of the Selection Committee of the NSFC/RGC Joint Research Scheme, Research Grants Council (2004-05)
- Member of the Research Grants Council (RGC) Physical Sciences Panel (1999–2004; 2019-25)
- Member of the Joint Selection Committee for the France and Germany Joint Research Schemes of the Research Grants Council (2003-04)
- Executive Committee Member of the Hong Kong International Chemical Sciences – A Chapter of the American Chemical Society (2001-02)
- Chair of the Hong Kong International Chemical Sciences – A Chapter of the American Chemical Society (2003-05)
- Hong Kong Delegate of the All-China Women's Federation, PR China (2013-)
- Council Member, Hong Kong Institute of Science (2003-05)

- Member of the Academic Steering Committee of the Hong Kong Science and Technology Innovation Programme (HKSTIP) for the Hong Kong-Guangzhou Technology and Innovation Partnership Programme, Hong Kong Association of Overseas Returned Scholars (HKAORS) and Guangzhou Science & Technology and Innovation Commission (GZSTIC) (2017-)
- Honorary Vice-President of the HKUSU Science Society, The University of Hong Kong Student Union (2002-05; 2008-12)
- Honorary President of the Chemistry Society, The University of Hong Kong (2000-05)
- Advisor of the Chemistry Society, The University of Hong Kong Student Union (HKUSU) (2005-06)