

Department of Chemistry

Departmental Seminar-Year 2023

| Date | Speaker | Seminar Title | Host |
|----------------------|--|---|---------------------|
| 6 Dec 2023 (Wed) | Prof. DENG Liang State Key Laboratory of Organometallic Chemistry Shanghai Institute of Organic Chemistry | Seminar: Low-Coordinate Low-Valent 3d Metal Complexes with NHC Ligation and Beyond | Prof. LAU Kai Chung |
| 6 Dec 2023 (Wed) | Prof. WANG Huadong Fudan University | Seminar: Organoboron compounds in strong bond activation | Miss Fiona Fong |
| 30 Nov 2023 (Thu) | Prof. Sherri A. McFarland The University of Texas at Arlington | Seminar: Tackling Cancer and Infection with Light- Responsive Molecules | Prof. Kenneth Lo |
| 28 Nov 2023 (Tue) | Prof. Hanyang Yu Nanjing University | Hong Kong RNA CLUB Chemical Biology of Xeno-Nucleic Acids (XNAs) | Dr. Chun Kit Kwok |
| 27 Nov 2023 (Mon) | Prof. PU Kanyi Nanyang Technological University | Seminar: Tackling Optical Imaging Challenges: Molecular Afterglow Imaging and Artificial Urinary Biomarker Probes | Miss Fiona Fong |
| 15 Nov 2023 (Wed) | Prof. WANG Danyang University of New South Wales | Seminar: Heterointerface: an emerging tool to empower ferroelectrics with enhanced functionalities | Ms. Crystal Wan |
| 15 Nov 2023 (Wed) | Prof. ZHANG Shujun Institute for Superconducting and Electronic Materials | Seminar: Piezoelectric Materials: Design and Application | Ms. Crystal Wan |

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| 10 Nov 2023 (Fri) | Prof. HAO, Xiaojing School of Photovoltaic and Renewable Energy Engineering | Seminar: Promising top cell candidates for Si-based tandem cells | Ms. Crystal Wan |
| 10 Nov 2023 (Fri) | Prof. Nicholas J. Long Imperial College London | Seminar: Organometallic-enhanced nanoelectronics and solar cells | Ms. Crystal Wan |
| 26 Oct 2023 (Thu) | Dr. Zefeng Wang CAS shanghai institute for nutrition and health | Hong Kong RNA CLUB Translation of circular RNAs-regulatory mechanism and therapeutical applications | Dr. Chun Kit Kwok |
| 25 Oct 2023 (Wed) | Prof. WANG Lianzhou Australian Institute for Bioengineering and Nanotechnology School of Chemical Engineering | Seminar: Nanomaterials for photoelectrochemical energy conversion | Ms. Crystal Wan |
| 10 Oct 2023 (Tue) | Prof. LIN Hening Howard Hughes Medical Institute Department of Chemistry and Chemical Biology Cornell University | Seminar: Protein acylation-deacylation cycles in cancer and inflammation | Ms. Crystal Wan |
| 26 Sep 2023 (Tue) | Prof. Manish Chhowalla University of Cambridge | Seminar: Electrochemical applications of metallic 2D transition metal dichalcogenides | Ms. Crystal Wan |
| 15 Sep 2023 (Fri) | Dr. Li-Sheng ZHANG Hong Kong University of Science and Technology | Hong Kong RNA CLUB Base-resolution quantitative sequencing methods for functional investigation of RNA modifications in gene expression regulation | Dr.Chun Kit Kwok |
| 24 Aug 2023 | Dr. Harunobu MITSUNUMA | Seminar: | |

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| (Thu) | The University of Tokyo | Development of sp ³ C-H Bond Functionalization by Multiple Catalyst System | Prof. MATSUDA Yudai |
| 24 Aug 2023 (Thu) | Dr Yusuke Sasano Tohoku University | Seminar: Chemoselective Aerobic Alcohol Oxidation by Nitroxyl Radical/ Copper Cooperative Catalysis | Prof. MATSUDA Yudai |
| 15 Aug 2023 (Tue) | Prof. Jinpeng Sun Peking University | Seminar: Discovery of membrane receptor subfamily to sense steroid hormones and the mechanism of force, itch and odor perception by GPCR | Prof. SUN Hongyan |
| 7 Jul 2023 (Fri) | Prof. JIANG Lei Technical Institute of Physics and Chemistry and Chinese Academy of Sciences | Seminar: Bioinspired Super-wettability System and Beyond Quantum-confined Superfluid: Energy Conversion, Chemical Reaction and Biological Information Transfer | Ms. Crystal Wan |
| 15 Jun 2023 (Thu) | Dr . Jian Lin University of Missouri | Seminar: Close-Loop Material Development by Artificial Intelligence | Dr. YE Ruquan |
| 14 Jun 2023 (Wed) | Prof. Xiaodong Chen Innovative Centre for Flexible Devices School of Materials Science and Engineering Nanyang Technological University | Seminar: Conformal Sense Digitalization | Ms. Crystal Wan |
| 16 May 2023 (Tue) | Dr. Li Xing Johns Hopkins University | Seminar: Decoding the Functions - from Molecules to Extended Frameworks | Ms. Crystal Wan |
| 15 May 2023 (Mon) | Dr. Lun Jin Princeton University | Seminar: Challenges and Opportunies in Topochemically Manipulated Complex Transition Metal Compounds | Ms. Crystal Wan |

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| 15 May 2023 (Mon) | Prof. Juewen Liu University of Waterloo | Seminar: Biosensors based on aptamers and gold nanoparticles | Dr. Chun Kit Kwok |
| 10 May 2023 (Wed) | Dr. Li Wang Tongji University | Seminar: Environmental Separations Processes for Sustainability: What can we get from the ocean? | Ms. Crystal Wan |
| 20 Apr 2023 (Thu) | Dr. Yi Yang East China University of Science and Technology | Hong Kong RNA CLUB Illumination of RNA dynamics using fluorescent RNAs and optogenetic switches | Dr. Chun Kit Kwok |
| 30 Mar 2023 (Thu) | Prof. CHEN Wei National University of Singapore and Tianjin University | Seminar: Ohmics Contacts for 2D Materials via Interface Engineering | Ms. Crystal Wan |
| 22 Mar 2023 (Wed) | Dr. Claudia Höbartner University of Würzburg | Hong Kong RNA CLUB Ribozymes for site-specific RNA modification | Dr. Chun Kit Kwok |
| 9 Mar 2023 (Thu) | Dr. Chan Bun Nagasaki University | Seminar: Computational Chemistry: From the Basic Laws of Physics to Solving Real-World Challenges | Dr. LAU Kai Chung |
| 23 Feb 2023 (Thu) | Prof. LIU, Xiaogang National University of Singapore and Institute of Materials Research Engineering | Seminar: Photon Conversion Nanocrystals: Transforming Imaging and Assistive Technology | Ms. Crystal Wan |
| 22 Feb 2023 (Wed) | Prof. ZHAO Huijun Griffith University | Seminar: Catalytic Conversion of Earth-Abundant Biomass and Simple Molecules into Valuable Chemicals and Fuels | Ms. Crystal Wan |
| 22 Feb 2023 (Wed) | Prof. QIAO, Shizhang The University of Adelaide | Seminar: Nanostructured Materials for Electrocatalytic Refinery | Ms. Crystal Wan |

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| 21 Feb 2023 (Tue) | Prof. HUANG Yu University of California, Los Angeles | Seminar: Catalyst Design Beyond Sabatier Plot | Ms. Crystal Wan |
| 21 Feb 2023 (Tue) | Prof. DUAN, Xiangfeng University of California, Los Angeles | Seminar: Van der Waals Heterostructures, Superlattices and Thin Films: Boundless Opportunities at Boundless Boundaries | Ms. Crystal Wan |
| 16 Feb 2023 (Thu) | Dr. Danny Incarnato Groningen Biomolecular Sciences and Biotechnology Institute | Hong Kong RNA CLUB High-throughput identification of "static" and dynamic RNA secondary structures | Dr. Chun Kit Kwok |
| 8 Feb 2023 (Wed) | Dr. SHAN, Jieqiong (Jacqueline) The University of Adelaide | Seminar: Nanoscale engineering of catalyst for water electrolysis | Ms. Crystal Wan |
| 16 Jan 2023 (Mon) | Prof. Jwa-Min NAM Seoul National University | Seminar: Plasmonic Nanobiosensors | Ms. Crystal Wan |
| 6 Jan 2023 (Fri) | Prof. Daniel B. Werz Institute of Organic Chemistry Albert-Ludwigs-Universität Freiburg | Seminar: Fluorescent Dyes by Rational Design and Serendipitous Discoveries | Dr. Vincent Ko |
| 5 Jan 2023 (Thu) | Dr. XU Jijian University of Maryland | Seminar: Electrolyte Design for High Energy Batteries | Ms. Crystal Wan |