

Department of Chemistry

Departmental Seminar-Year 2025

Date	Speaker	Seminar Title	Host
15 Dec 2025 (Mon)	Prof. Yiliang Ding John Innes Centre	Hong Kong RNA CLUB Decoding RNA language in plants	Prof. KWOK Chun Kit
12 Dec 2025 (Fri)	Dr. Yi Jiang ETH Zürich	Seminar: Unleashing Sugar Radicals to Diversify Small Molecules, Proteins, and Living Cells	Ms. Crystal WAN
8 Dec 2025 (Mon)	Dr. RAO, Zhoulyu University of Illinois, Urbana-Champaign	Seminar: Rubbery Electronic Materials for Sensing and Stimulation in Bioelectronic Therapy	Ms. Crystal WAN
3 Dec 2025 (Wed)	Prof. David Balcells University of Oslo	Seminar: Trying to Make the Novel Exceptional with Generative AI for Transition Metal Chemistry	Prof. Maria BABAK
3 Dec 2025 (Wed)	Prof. YANG Chaoyong Xiamen University	Seminar: Microfluidic Technologies in Clinical Biopsies: Advancing Precision Healthcare	Prof. Kwok Chun Kit
28 Nov 2025 (Fri)	Prof. Gilles Gasser PSL University	Seminar: Metal Complexes in Medicinal Chemistry	Prof. Maria BABAK
26 Nov 2025 (Wed)	Prof. Sylvestre Bonnet Leiden University	Seminar: Photochemical detection of metal ions and complexes for diagnostic and therapy	Prof. Kenneth LO

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25 Nov 2025 (Tue)	Prof. James Wilton-Ely Imperial College London	Seminar: A two-part Seminar on: Imaging endogenous carbon monoxide in biological environments Nanomaterials for combined MRI and therapy	Prof. Kenneth LO
19 Nov 2025 (Wed)	Dr. Xiaoyu LI Abberior Instruments GmbH	Seminar: Abberior STED Super Resolution Microscopy: Technologies from its Inventors, Applications and Beyond	Prof. SUN Hongyan
18 Nov 2025 (Tue)	Prof. Kazuhiro Morisaki Hokkaido University	Seminar: Non-Canonical Catalytic Asymmetric Reactions: Reflexive Chirality Transfer & Extraordinary Remote Enantioinduction	Prof. Yudai MATSUDA
18 Nov 2025 (Tue)	Prof. Akira Matsumoto Kanazawa University	Seminar: Exploring the Radical Reactivity of Phosphonium Ylides	Prof. Yudai MATSUDA
13 Nov 2025 (Thu)	Prof. Philip Bevilacqua Pennsylvania State University	Hong Kong RNA CLUB Distribution of active twister ribozymes throughout the tree of life discerned by high-throughput screening and machine learning	Prof. KWOK Chun Kit
3 Nov 2025 (Mon)	Prof. JIN Guoxin Fudan University	Seminar: Molecular Macrocycles, Catenanes and Knots	Prof. LU Zhenpin
3 Nov 2025 (Mon)	Prof. Zhang Xiaojin China Pharmaceutical University	Seminar: Small-Molecule Drug Discovery Targeting the Oxygen-Sensing Pathway	Miss Daisy Yim
28 Oct 2025 (Tue)	Prof. Claude P. Gros Université Bourgogne Europe	Seminar: Corroles at work: A small macrocycle for great applications	Prof. LO Pik Kwan Peggy
24 Oct 2025 (Fri)	Prof. Paul S. WEISS University of California	Seminar: Mimicking Nature: Controlling Charge, Heat, and Spin at Interfaces	Miss Daisy Yim

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23 Oct 2025 (Thu)	Prof. Hirohide Saito The University of Tokyo Kyoto University	Hong Kong RNA CLUB Synthetic RNA Technologies to control gene expression and cell fate	Prof. KWOK Chun Kit
23 Oct 2025 (Thu)	Prof. Jwa-Min NAM Seoul National University	Seminar: Chemical Plasmonics with Metal Nanoparticles	Miss Daisy Yim
21 Oct 2025 (Tue)	Prof. Dong Li Tsinghua University	Seminar: Pushing the envelope of super-resolution microscopy for sustained live imaging of rapid subcellular processes	Prof. SUN Hongyan
15 Oct 2025 (Wed)	Prof. Pierre Braunstein University of Strasbourg	Seminar: N-Heterocyclic Carbene Pincers and Unexpected Bond Activation Reactions	Prof. LU Zhenpin
14 Oct 2025 (Tue)	Prof. Nicholas J. Long Imperial College London	Seminar: Room Temperature Constructive Quantum Interference using Single Organometallic Molecules	Miss Andrea TANG
8 Oct 2025 (Wed)	Prof. Jian HUANG Shanghai University	Seminar: Multiscale Modeling of Materials Surface and Interface	Prof. XU Jijian
3 Oct 2025 (Fri)	Prof. Jian HUANG Shanghai University	Seminar: Artificial Intelligence-Powered Materials Science	Prof. XU Jijian
18 Sep 2025 (Thu)	Prof. Yan Jian City University of Hong Kong	Hong Kong RNA CLUB HERV-H Governs Stem Cell Pluripotency via RNA-mediated in trans Control of Ribosome Biogenesis	Prof. KWOK Chun Kit
18 Sep 2025 (Thu)	Dr Yufen Xiao UT Southwestern	Seminar: Engineering polymer materials to enable therapeutic applications for metabolic diseases	Ms Crystal Wan
3 Sep 2025 (Wed)	Prof. Dr. Luyi Yang Peking University	Seminar: Characterization and Regulation of High-Capacity Silicon-Based Anode Interfaces	Prof. XU Jijian

Date	Speaker	Seminar Title	Host
28 Aug 2025 (Thu)	Dr. Che-Jen LIN National Tsing Hua University	Seminar: Asian Core Program (ACP) Lectureship -Stimuli-Responsive Luminescent Materials: From Powders to Droplets	Prof. FU Wai Chung Stephen
22 Aug 2025 (Fri)	Prof. TO Ching Tat Tunghai University	Seminar: Asian Core Program (ACP) Lectureship - Mechanochemical Aromatic Halogenation Enabled by Ball-Milling	Prof. FU Wai Chung Stephen
22 Aug 2025 (Fri)	Dr. Takanori SHIMA RIKEN Centre for Sustainable Resource Science (CSRS)	Seminar: Asian Core Program (ACP) Lectureship - Dinitrogen Activation and Functionalization in Multimetallic Hydride Frameworks	Prof. FU Wai Chung Stephen
18 Aug 2025 (Mon)	Dr Daniel Staemmler Materials Science & Engineering Prof Dr Xu Song Editor-in-Chief Materials & Design	Seminar: Unlocking the Secrets to Publication Success: Editorial Decision-Making, Research Reproducibility, and Ethical Publishing	Prof. XU Jijian
7 Aug 2025 (Thu)	Dr. RUAN Yuefei Phoebe City University of Hong Kong	Seminar: Biogeochemical processes and ecological effects of representative contaminants of emerging concern (CECs) in estuarine and coastal environments	Miss Andrea TANG
9 Jul 2025 (Wed)	Prof. SUN Shuhui Institut National de la Recherche Scientifique (INRS)	Seminar: Low-Pt and Pt-free Electrocatalysts for Next-Generation Fuel Cells and Hydrogen Production	Miss Daisy YIM
9 Jul 2025 (Wed)	Prof. ZHANG Gaixia University of Québec	Seminar: Lithium-Metal and Lithium-Free Batteries And their In-Situ Characterizations	Miss Daisy YIM
13 Jun 2025 (Fri)	Prof. SONG Qiling Fuzhou Univeristy	Seminar: Unusual Metallate Shifts based on Tetracoordinate Boron Species	Prof. LU Zhenpin
12 Jun 2025 (Thu)	Prof. CHIU Ching-Wen National Taiwan University	Seminar: Catalytic Applications of Boron and Aluminum Cations	Prof. LU Zhenpin

Date	Speaker	Seminar Title	Host
15 May 2025 (Thu)	Dr. Letian Dou Purdue University	Seminar: Synthesis, Light Emission, and Lasing in Organic Semiconductor-Incorporated Perovskite (OSiP)	Miss Daisy YIM
14 May 2025 (Wed)	Dr. Xin Liu Colorado State University	Seminar: Photocatalysis and Sustainable Polymer Design: Toward Circularity and Environmental Remediation	Ms Crystal WAN
24 Apr 2025 (Thu)	Prof. Yoosik Kim Korea Advanced Institute of Science and Technology	Hong Kong RNA CLUB Gene Regulation by Alu Elements in Untranslated Regions	Prof. KWOK Chun Kit
14 Apr 2025 (Mon)	Prof. Michael Wolf University of British Columbia	Seminar: Photophysics and Photochemistry of Stimuli-responsive π -Conjugated Organic Compounds and Metal Complexes	Prof. Michael Chan
3 Apr 2025 (Thu)	Prof. Xiaoyuan (Shawn) CHEN National University of Singapore	Seminar: Cancer Theranostics	Miss Andrea TANG
27 Mar 2025 (Thu)	Prof. Sung Chul Kwon The University of Hong Kong	Hong Kong RNA CLUB Cytosolic CRISPR RNAs for efficient application of RNA-targeting CRISPR-Cas systems	Prof. KWOK Chun Kit
19 Mar 2025 (Wed)	Prof. Gabriele Kaminski Schierle University of Cambridge	Seminar: The physiological role of alpha-synuclein at the presynapse	Miss Andrea TANG
18 Mar 2025 (Tue)	Prof. Clemens Kaminski University of Cambridge	Seminar: Visualisation of Organelle Dynamics and Function with Optical Super-Resolution	Miss Andrea TANG

Date	Speaker	Seminar Title	Host
25 Feb 2025 (Tue)	Dr. Huabin ZHANG King Abdullah University of Science and Technology,	Seminar: Interpreting Heterogeneous Catalysis via Trans-scale Chemistry	Miss Daisy YIM
13 Feb 2025 (Thu)	Prof. René M. Koenigs RWTH Aachen University	Seminar: Spin states matter - fundamentals, applications and translation to drug discovery	Miss Daisy YIM
12 Feb 2025 (Wed)	Prof. Martin K. BEYER University of Innsbruck	Seminar: Chemistry and Photochemistry of Salts	Miss Daisy YIM
16 Jan 2025 (Thu)	Prof. Hsueh-Ping (Catherine) Chu National Taiwan University	Hong Kong RNA CLUB A non-coding RNA TERRA regulates genomic G-quadruplexes	Prof. KWOK Chun Kit
13 Jan 2025 (Mon)	Prof. Ja-Hyoung RYU Ulsan National Institute of Science and Technology (UNIST)	Seminar: Intracellular Chemical Reaction-Induced Self-Assembly to Control Cellular Fate	Miss Daisy YIM
8 Jan 2025 (Wed)	Prof. Naoki Sugimoto Konan University	Seminar: "To B or not to B" in Nucleic Acids Chemistry	Prof. KWOK Chun Kit