

International Conference on Electronic Materials 2024

16 - 20 MAY 2024

SAVE THE DATES

Discover the forefront of materials science and engineering at the International Union of Materials Research Societies - International Conference on Electronic Materials 2024 (IUMRS-ICEM 2024)!

Conference Focuses

Visit Our Website



<https://hkumrs.org/iumrs-icem2024>



- Group A : 2D Materials and Devices
- Group B : Compound and Wide-Bandgap Semiconductor Materials and Devices
- Group C : Materials and Processes for Advanced Packaging Technologies
- Group D : Advanced Spintronic and Magnetic Materials/Devices
- Group E : Stretchable and Wearable Electronics
- Group F : Photonic Materials and Devices
- Group G : Materials and Devices for Energy Harvesting
- Group H : Materials and Devices for Energy Storage
- Group I : Quantum Materials and Devices
- Group J : Synthesis Processes and Characterization Methods
- Group K : Organic Materials and Electronics



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IUMRS-ICEM 2024



Organizers

The IUMRS-ICEM 2024 will be the first conference to be held in Hong Kong jointly by the International Union of Materials Research Societies (IUMRS), Hong Kong Materials Research Society (HKMRS) and the Hong Kong Branch of National Precious Metals Material Engineering Research Center (NPMM) of City University of Hong Kong (CityU).



Overview

The IUMRS-ICEM 2024 will consist of stimulating program of plenary sessions, keynote speeches, panel discussions, poster presentations and exhibitions in advanced materials and technologies. We aim to make the conference a genuine two-way process and as such, technology knowledge transfer, commercialization and industrialization can be further enhanced through the interactivity.

*Tentative Plan

Date	Location	Schedule
16 May 2024 (Thu)	Hong Kong Convention and Exhibition Centre (HKCEC)	Early Registration (Starting from 15:00) Welcome Reception (Starting from 18:00)
17 May 2024 (Fri)		Opening Ceremony & Day 1 Conference
18 May 2024 (Sat)	City University of Hong Kong (CityU)	Day 2 Conference
19 May 2024 (Sun)		Day 3 Conference & Gala Dinner
20 May 2024 (Mon) *Half-day		Day 4 Conference



Organizing Committee

CHAIRPERSON



Prof. Jian LU

Dean of College of Engineering
Chair Professor of Department of Mechanical Engineering
Director of Hong Kong Branch of National Precious Metals
Material Engineering Research Center

City University of Hong Kong

COMMITTEE MEMBERS



Prof. Shien Ping FENG

Associate Dean of College of Engineering
Professor of Department of System Engineering

City University of Hong Kong

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Associate Professor of Department of Chemistry

The Chinese University of Hong Kong



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Head of Department of Mechanical Engineering
Chair Professor of Materials Technology

The University of Hong Kong



Prof. Shu Ping LAU

Head of Department of Applied Physics
Chair Professor of Department of Applied Physics

The Hong Kong Polytechnic University



Prof. Rong SUN

Director of Shenzhen Institute of Advanced Electronic
Materials
Director of Institute of Advanced Materials Science and
Engineering

*Shenzhen Institutes of Advanced Technology, Chinese
Academy of Science*



Prof. Din-ping TSAI

Chair Professor of Department of Electrical Engineering

City University of Hong Kong



Prof. Ning WANG

Chair Professor of Department of Physics

The Hong Kong University of Science and Technology



Prof. Jianbin XU

Associate Dean of Faculty of Engineering
Choh-Ming Li Professor of Electronic Engineering

The Chinese University of Hong Kong



Prof. Hua ZHANG

Herman Hu Chair Professor of Nanomaterials
Chair Professor of Department of Chemistry and Department
of Materials Science and Engineering

City University of Hong Kong



Prof. Wenjun ZHANG

Chair Professor of Department of Materials Science and
Engineering and Department of Chemistry

City University of Hong Kong



Prof. Zijian ZHENG

Chair Professor of Soft Materials and Devices of Department
Applied Biology and Chemical Technology

The Hong Kong Polytechnic University



International Advising Committee

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University of Ghana (Ghana)

Prof. Xiaodong CHEN

Nanyang Technological University (Singapore)

Dr. Samuel CHIGOME

Botswana Institute for Technology (Botswana)

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Korea Advanced Institute of Science and Technology
(Korea)

Prof. King Ning TU

City University of Hong Kong (Hong Kong)

Prof. Ching Ping WONG

Georgia Institute of Technology (United States)



Plenary Speakers (Continuous Updating)



Prof. Takuzo AIDA

Department of Chemistry and Biotechnology
School of Engineering

*The University of Tokyo
(Japan)*

Group J: Synthesis Processes and Characterization Methods



Prof. Xinliang FENG

Chair of Molecular Functional Materials
Faculty of Chemistry and Food Chemistry

*Technische Universität Dresden
(Germany)*

Group K: Organic Materials and Electronics



Prof. Yunqi LIU

Institute of Chemistry

Chinese Academy of Sciences (China)

General



Prof. Zhongfan LIU

Professor of Physics Chemistry, Academician College of
Chemistry and Molecular Engineering

Peking University (China)

Group A: 2D Materials and Devices



Prof. Lian-Mao PENG

Professor of School of Electronics Engineering and
Computer Science

Peking University (China)

Group I: Quantum Materials and Devices



Prof. Stuart S P PARKIN

Director

*Max Planck Institute of Microstructure Physics
(Germany)*

Group D: Advanced Spintronic and Magnetic Materials/Devices



Prof. Rodney S RUOFF

Director, Centre for Multidimensional Carbon Materials
Department of Chemistry, Department of Materials
Science and Engineering, School of Energy and
Chemical Engineering,

*Ulsan National Institute of Science and Technology
(Korea)*

Group H: Materials and Devices for Energy Storage



Prof. Takao SOMEYA

Professor of Department of Electrical and Electronic
Engineering, School of Engineering

The University of Tokyo (Japan)

Group E: Stretchable and Wearable Electronics



Dr. Douglas Chen-Hua YU

Vice President of Pathfinding for System Integration

*Taiwan Semiconductor Manufacturing Co. Ltd. (TSMC)
(Taiwan)*

Group C: Materials and Processes for Advanced
Packaging Technologies



Prof. Xiang ZHANG

President and Vice-Chancellor

The University of Hong Kong (Hong Kong)

Group F: Photonic Materials and Devices



Call for Abstracts & Registration for Speakers

- All abstracts should be written in English and adhere to the style and formatting requirements in the online abstract submission portal.
- Abstract should not exceed 300 words.
- Figure & table: optional but maximal one figure with figure legend and/or one table to be uploaded in the online abstract submission portal.
- References should be in APA style.



Link: <https://hkmrs.org/iumrs-icem2024/call-for-abstracts.html>

Submission Deadline: 29 February 2024 (Thursday)

Registration for General Participants

- Registrations for the Scientific Programs
- Conference Abstracts and Program Booklets
- Welcome Reception
- Coffee Breaks throughout the duration of the Conference



Link: <https://hkmrs.org/iumrs-icem2024/registration.html>

Early Bird Registration: Now - 1 April 2024

Regular Registration: 2 April 2024 - 17 May 2024

