IUMRS ICEM 2024 HONG KONG

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

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

Visit Our Website

https://hkmrs.org/iumrs-icem2024

iumrs.icem.2024@gmail.com

IUMRS-ICEM 2024

IUMRS ICEM 2024 HONG KONG

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).

International Union of Materials Research Societies

HKMRS Hong Kong Materials Research Society

CityU Hong Kong Branch of National Precious Metals Material Engineering Research Center 香港城市大學 City University of Hong Kong

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

IUMRS ICEM 2024 HONG KONG

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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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

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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

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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

Assoiate 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

Dr. Benjamin AGYEI-TUFFOUR
University of Ghana (Ghana)

Dr. Samuel CHIGOME
Botswana Institute for Technology (Botswana)

Prof. Monica Alonso COTTA
State University of Campinas (Brazil)

Prof. David DODOO-ARHIN
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Prof. Sanjay MATHUR
University of Cologne (Germany)

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Hokkaido University (Japan)

Prof. Lian-Mao PENG
Peking University (China)

Prof. King Ning TU
City University of Hong Kong (Hong Kong)

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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

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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: 31 January 2024 (Wednesday)

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