

The logo for AMIC 2025, featuring the text 'AMIC' in a bold, dark red font, followed by '2025' in a stylized font where the '0' is a white circle with a red dot, and the '2' and '5' are white with red and blue accents.

AMIC 2025

Applied Materials & Interfaces Conference

SECOND ANNOUNCEMENT

📅 3-5 July 2025

📍 Singapore



Welcome Message from Conference Chair



It is our great honor to organize the inaugural Applied Materials & Interfaces Conference 2025 (AMIC 2025), scheduled for July 3-5, 2025, in Singapore.

The Applied Materials & Interfaces Conference 2025 aims to bring together leading researchers and students in the field of materials science to discuss the latest advancements and innovations. The annual conference is designed to be a unique platform for sharing cutting-edge research, exchanging ideas, and fostering collaborations among international scientists.

The 2025 conference will mark a significant milestone as we gather in Singapore, a dynamic hub that bridges East and West. This event will feature plenary, keynotes, invited, contributed lectures, panel discussions, and small group sessions led by distinguished speakers, including leading journal's editors and top authors. We will also celebrate outstanding research contributions with best paper and poster awards. Beyond the sessions, participants will have ample opportunities to network through receptions, banquets, and cultural tours, making this a truly memorable experience.

I warmly invite you to join us in Singapore for this exceptional event. Together, let's explore the cutting-edge developments in applied materials and interfaces, forge new friendships and connections, and celebrate our collective achievements.

We look forward to seeing you in Singapore!

Selamat datang ke Singapura and 欢迎.

Prof. Xingyi Ling

Conference Chair of AMIC 2025

About AMIC 2025

Applied Materials & Interfaces Conference (AMIC 2025)

Time: 3-5 July 2025, Singapore

Venue: Nanyang Technological University, School of Physical and Mathematical Sciences

Organized by: Nanyang Technological University

Co-organized by:

Institute for Digital Molecular Analytics and Science of Nanyang Technological University

Singapore National Institute of Chemistry

Sichuan Normal University

Sponsored by:



Conference Schedule

- July 2, 14:00 – 18:00: Registration
- July 3, 09:00 – 12:00: Opening Ceremony & Plenary Sessions
- July 3, 14:00 – 18:00: Parallel Sessions
- July 3, 18:00 – 20:00: Conference Banquet
- July 4, 09:00 – 12:00: Parallel Sessions
- July 4, 14:00 – 18:00: Parallel Sessions
- July 5, 09:00 – 12:00: Closing Ceremony

Topics

Bio Materials

- Biological and Medical Applications of Advanced Materials
- Sustainable and Biodegradable Biomaterials
- Biomolecular Imaging and Sensing Materials
- Antimicrobial and Anticancer Materials
- Bioinspired and Biomimetic Materials
- Materials for Photodynamic and Photothermal Therapy
- Materials for Bioenergy and Biocatalysis

Energy Materials

- Energy Conversion and Storage Materials
- Nanomaterials for Catalysis and Photocatalysis
- Surface Engineering and Interfaces (related to energy conversion and storage)
- Electrode and Membrane Materials for Various Energy Applications

Polymer Materials

- Polymer Composites and Coatings
- Polymer Applications in Energy Storage and Conversion
- Polymer Materials for Energy Applications

Nano Materials

- Functional Nanostructured Materials
- Inorganic, Organic, and Hybrid Nanomaterials
- Nanopatterning and Nanotechnology

and more

- Carbon and 2D materials
- Ceramics and composites
- Polymers and porous materials
- Smart and stimuli-responsive materials
- Structural materials
- Catalysis
- Diodes, transistors, memory devices
- Photonics and quantum computing
- Sensors and quantum detectors
- Solid-state batteries, supercapacitors, and power devices

Submission

Abstract: A Word template is available on AMI Conference 2025 website (<https://www.ami-conference.com/>) for the abstract submission.

Award:

We are proud to announce that the Royal Society of Chemistry sponsors multiple poster awards to recognize outstanding research contributions and presentation excellence.



We have secured a new benefit for the **poster award** — winners will be invited to submit their work for consideration in our affiliated journals.

We are working tirelessly to secure even more sponsorship opportunities, ensuring greater support and exciting benefits for students and postdocs attending the event! Do register your interest as early as possible to make the most of these opportunities!

Important Dates

- **Early Bird Registration Deadline: 20 May 2025** ~~30 April 2025~~
- **Submission Deadline: 20 May 2025** ~~30 April 2025~~
- **Acceptance Notification Deadline: 10 May 2025**
- **Online Registration Deadline (with paper): 31 May 2025**
- **Online Registration Deadline (without paper): 30 June 2025**

Committee

Conference Chair

Prof. Xing Yi Ling, Nanyang Technological University
Editor-in-Chief of *ACS Applied Materials & Interfaces*

Conference Co-Chairs

Prof. Peter Müller-Buschbaum, Technical University of Munich
Deputy Editor of *ACS Applied Materials & Interfaces*

Prof. Huaping Xu, Tsinghua University
Executive Editor of *ACS Applied Materials & Interfaces*

Prof. Jianfang Wang, Chinese University of Hong Kong
Associate Editor of *ACS Applied Materials & Interfaces*

International Steering Committee

Prof. Shu Wang, Institute of Chemistry Chinese Academy of Science
Deputy Editor of *ACS Applied Bio Materials*

Prof. Hyun Jae Kim, Yonsei University
Deputy Editor of *ACS Applied Electronic Materials*

Prof. Yiyang Wu, Ohio State University
Deputy Editor of *ACS Applied Energy Materials*

Prof. T. Randall Lee, University of Houston
Deputy Editor of *ACS Applied Nano Materials*

Prof. Elena Galoppini, Rutgers University
Deputy Editor of *ACS Applied Optical Materials*

Prof. Jodie Lutkenhaus, Texas A&M
Deputy Editor of *ACS Applied Polymer Materials*

Conference Registration

Category	Early Bird Until 20 May 2025			Regular 20 May - 15 Jun 2025			Onsite 3 - 5 Jul 2025		
	(SGD)	(USD)	(RMB)	(SGD)	(USD)	(RMB)	(SGD)	(USD)	(RMB)
Regular	S\$1,000	US\$770	5500 RMB	S\$1,100	US\$850	6000 RMB	S\$1,200	US\$920	6500 RMB
Student (Not including postdoctoral fellows)	S\$750	US\$580	4100 RMB	S\$850	US\$650	4600 RMB	S\$950	US\$730	5200 RMB

Registration fee includes: Access to full conference, conference bag, daily coffee-breaks.

Please complete your registration and payment via <https://www.ami-conference.com/>.

NOTE: The student registration fee does not include the Banquet Dinner on July 3, 2025. An additional payment of S\$170 is required to attend.



Speakers (Updating)

Plenary Speakers



Prof. Bin Liu
National University of
Singapore, Singapore



Prof. Jodie Lutkenhaus,
Texas A&M University, USA



Prof. He Tian
East China University of Science
and Technology, China



Prof. Huaping Xu
Tsinghua University, China



Prof. Pooi See Lee
Nanyang Technological
University, Singapore



Prof. Jianfang Wang
Chinese University of Hong
Kong, Hong Kong

Keynote Speakers



Prof. Xiaodong Chen
Nanyang Technological
University, Singapore



Prof. Sara E. Skrabalak
Indiana University, USA



Prof. Peter Müller-Buschbaum
Technical University of Munich,
Germany



Prof. Chunsheng Wang
University of Maryland, USA



Prof. Kanyi Pu
Nanyang Technological
University, Singapore



Prof. Yan Yu
University of Science and
Technology of China, China



Prof. Shu Wang
Institute of Chemistry, Chinese
Academy of Sciences, China



Prof. Yiying Wu
Ohio State University, USA



Prof. Omar K. Farha
Northwestern University, USA



Prof. T. Randall Lee
University of Houston, USA



Prof. Mauricio Terrones
PennState University, USA

 Program

Session 1 - Polymer

Chair: Prof. Huaping Xu *Tsinghua University, China*

Co-Chairs:

Prof. Tianyu Li *Institute of Process Engineering, China*

Prof. Qi Zhang *East China University of Science and Technology, China*

Speakers:

Prof. Peter Müller-Buschbaum *Technical University of Munich, Germany*

Prof. Huaping Xu *Tsinghua University, China*

Prof. Albert Schenning *Technische Universiteit Eindhoven, The Netherlands*

Prof. Tao Xie *Zhejiang University, China*

Prof. Vladimir V. Tsukruk *Georgia Institute of Technology, USA*

Prof. Yi Cao *Nanjing University, China*

Prof. Yulan Chen *Jilin University, China*

Prof. Damien Montarnal *University of Lyon, France*

Prof. Shuxun Cui *Southwest Jiaotong University, China*

Prof. Feng He *SUSTECH, China*

Prof. Ja-Hyoung Ryu *UNIST, Republic of Korea*

Prof. Rongrong Hu *South China University of Technology, China*

Prof. Hubiao Huang *Southeast University, China*

Prof. Xuesong Jiang *Shanghai Jiaotong University, China*

Prof. Mingjie Liu *Beihang University, China*

Prof. Zhaoming Liu *Zhejiang University, China*

Prof. Katrien Bernaerts *Maastricht University, The Netherlands*

Prof. Yiyong Mai *Shanghai Jiaotong University, China*

Prof. Jinyu Sheng *Soochow University, China*

Prof. Youhua Tao *Changchun Institute of Applied Chemistry, China*

Prof. Yapei Wang *Renmin University, China*

Prof. Ziliang Wu *Zhejiang University, China*

Prof. Xuzhou Yan *Shanghai Jiaotong University, China*

Prof. Tsuyoshi Kato *CNRS, France*

Prof. Li-Tang Yan *Tsinghua University, China*

Prof. Binjie Jin *South China University of Technology, China*

Session 2 - Bio

Chair: Prof. Xuehai Yan *Institute of Process Engineering, China*

Co-Chairs:

Prof. Kelong Fan *Institute of Biophysics, China*

Prof. Ruirui Xing *Institute of Process Engineering, China*

Speakers:

Prof. Kanyi Pu *Nanyang Technological University, Singapore*

Prof. Shu Wang *Institute of Chemistry, China*

Prof. Xuehai Yan *Institute of Process Engineering, China*

Prof. Mary Chan *Nanyang Technological University, Singapore*

Prof. Sing Yian Chew *Nanyang Technological University, Singapore*

Prof. Chunyan Tan *Tsinghua Shenzhen International Graduate School, China*

Prof. Sherry Huang *Cambridge University, UK*

Prof. Linqi Shi *Nankai University, China*

Prof. Yanli Zhao *Nanyang Technological University, Singapore*

Prof. Hui Wei *Nanjing University, China*

Prof. Liang Cheng *Institute of Chemistry, China*

Prof. Huaimin Wang *Westlake University, China*

Prof. Aiguo Wu *NIMTE, Chinese Academy of Sciences, China*

Prof. Fengting Lv *Institute of Chemistry, China*

Prof. Manzar Abbas *Khalida University, UAE*

Prof. Xin Zhang *Westlake University, China*

Prof. Zhengwei Mao *Zhejiang University, China*

Prof. Ming Wang *Institute of Chemistry, China*

Prof. Suwei Dong *Peking University, China*

Prof. Huiyu Liu *Beijing University of Chemical Technology, China*

Prof. Xiaogang Qu *Changchun Institute of Applied Chemistry, China*

Prof. Rongrong Zhu *Tongji University, China*

Prof. Tianmeng Sun *Jilin University, China*
Prof. Zhou Li *Beijing Institute of Nanoenergy and Systems, China*
Prof. Quan Yuan *Hunan University, China*
Prof. Tianfeng Cheng *Jinan University, China*
Prof. Haotian Bai *Institute of Chemistry, China*
Prof. Yanli Wang *Hainan Medical University, China*
Prof. Shizhong Luo *Beijing University of Chemical Technology, China*
Prof. Qianli Zou *Anhui Medical University, China*
Prof. Jing Yu *Tsinghua University, China*
Prof. Piaoping Yang *Harbin Engineering University, China*
Prof. Yamin Zhang *National University of Singapore, Singapore*
Prof. Harvery Shi *Western University, Canada*
Prof. Junjie Chen *Southeast University, China*

Session 3 - Energy

Chair: Prof. Yan Yu *University of Science and Technology of China, China*

Co-Chair:

Prof. Jijian Xu *City University of Hong Kong, Hong Kong*
Prof. Yu Yao *University of Science and Technology of China, China*

Speakers:

Prof. Chunsheng Wang *University of Maryland, USA*
Prof. Yan Yu *University of Science and Technology of China, China*
Prof. Pooi See Lee *Nanyang Technological University, Singapore*
Prof. Nam-Soon Choi *KAIST, Republic of Korea*
Prof. Sampath Srinivasan *Indian Institute of Science, India*
Prof. Yu-Guo Guo *Institute of Chemistry, Chinese Academy of Sciences, China*
Prof. Jun Lu *Zhejiang University, China*
Prof. Venkataraman Thangadurai *University of St Andrews, UK*
Prof. Zhong-Shuai Wu *Dalian Institute of Chemical Physics, China*
Prof. Jia Xie *Huazhong University of Science and Technology, China*
Prof. Qi Liu *City University of Hong Kong, Hong Kong, China*
Prof. Zheng-Long Xu *Hong Kong Polytechnic University, Hong Kong, China*

Prof. Minhua Shao *Hong Kong University of Science and Technology, Hong Kong, China*
Prof. Alex Qingyu Yan *Nanyang Technological University, Singapore*
Prof. Hong Jin Fan *Nanyang Technological University, Singapore*
Prof. Kai Liu *Tsinghua University, China*
Prof. Hanyu Huo *University of Science and Technology of China, China*
Prof. Fei Du *Jilin University, China*
Prof. Fei Wang *Fudan University, China*
Prof. Jongwoo Lim *Seoul National University, Republic of Korea*
Prof. Guangmin Zhou *Tsinghua Shenzhen International Graduate School, China*
Prof. Chun Hu *Xiamen University, China*
Prof. Xiulin Fan *Zhejiang University, China*
Prof. Pengfei Wang *Xi'an Jiaotong University, China*

Session 4 - Catalysis

Co-Chair: Prof. Hiang Kwee Lee *Nanyang Technological University, Singapore*

Co-Chair:

Prof. Haobo Li *Nanyang Technological University, Singapore*

Speakers:

Prof. Yiyang Wu *Ohio State University, USA*
Prof. Sang Hoon Joo *Seoul National University, Republic of Korea*
Prof. Stanislaus Wong *Stony Brook University, USA*
Prof. Ping Xu *Harbin Institute of Technology, China*
Prof. Simone Raugei *Pacific Northwest National Lab, USA*
Prof. Biswarup Pathak *IIT Indore, India*
Prof. Abhishek K. Singh *Indian Institute of Science, India*
Prof. Yoji Kobayashi *KAUST, Saudi Arabia*
Prof. Joel W. Ager III *Lawrence Berkeley National Laboratory, USA*
Prof. Kang Liang *UNSW, Australia*
Prof. Ken-ichi Otake *Kyoto University, Japan*
Prof. Hongqi Sun *University of Western Australia, Australia*
Prof. Junwei Lucas Bao *Boston College, USA*

Prof. Soon Hyeok Hong KAIST, Republic of Korea
Prof. Guanna Li Wageningen University & Research, The Netherlands
Prof. Jiayu Peng University at Buffalo, USA
Prof. Yijiao Jiang Macquarie University, Australia
Prof. Kouki Oka Tohoku University, Japan
Prof. Yuji Matsumoto Tohoku University, Japan
Prof. Aashutosh Mistry Colorado School of Mines, USA
Prof. Shinya Furukawa Osaka University, Japan

Session 5 - Inorganic/MOF

Chair: Prof. Fengwei Huo Nanjing Tech University, China

Co-Chairs:

Prof. Xingjie Wang South China University of Technology, China
Prof. Weina Zhang Nanjing Tech University, China

Speakers:

Prof. Omar K. Farha Northwestern University, USA
Prof. Jiagang Wu Sichuan University, China
Prof. Omar F. Mohammed KAUST, Saudi Arabi
Prof. Thomas Riedl University of Wuppertal, Germany
Prof. Tom Zhengtang Luo HKUST, Hong Kong, China
Prof. Keisuke Tajima RIKEN, Japan
Prof. Tom Wu Hong Kong Polytechnic University, Hong Kong, China
Prof. Liang Feng Duke University, USA
Dr. Renjun Guo Karlsruhe Institute of Technology, Germany
Prof. Robert Hoye Oxford University, UK
Prof. Zhehao Huang South China University of Technology, China
Prof. Kaikai Ma Hong Kong Polytechnic University, Hong Kong, China
Prof. Chung-Wei Kung National Cheng Kung University, Taiwan
Prof. Mei Pan Sun Yat-Sen University, China
Prof. Yan Zhu Nanjing University, China
Prof. Yu Tang Lanzhou University, China

Session 6 - Sensor

Co-Chair: Prof. Yu Lei Tsinghua Shenzhen International Graduate School, China

Co-Chair:

Prof. Linley Li Lin Shanghai Jiao Tong University, China

Speakers:

Prof. Jianfang Wang Chinese University of Hong Kong, Hong Kong, China
Prof. Mauricio Terrones PennState University, USA
Prof. Nicolas Voelcker Monash University, Australia
Prof. Jesse Jokerst UC San Diego, USA
Prof. So-Jung Park Erwa Womans University, Republic of Korea
Prof. Osvaldo N. Oliveira Jr. University of São Paulo, Brazil
Prof. Jian Ye Shanghai Jiaotong University, China
Prof. Limei Tian Texas A&M University, USA
Dr. Melvin Chun-Yi Ang SMART, Singapore
Dr. Tim Yinting Yeh NIST, USA
Prof. Hao Yan Tsinghua Shenzhen International Graduate School, China
Dr. Saimon M. Silva La Trobe University, Australia
Prof. Indrajit Srivastava Texas Tech University, USA
Prof. Ramon Alvarez-Puebla Universitat Rovira i Virgili, Spain
Prof. Hao Qi Southeast University, China
Prof. Yingcan Zhao Beijing Normal University - Hong Kong Baptist University United International College (UIC), China
Prof. Zhuang Xie Sun Yat-sen University, China
Prof. Shengxi Huang Rice University, USA
Prof. Weiliang Ma University of Electronic Science and Technology of China, China



Venue



Nanyang Technological University, School of Physical and Mathematical Sciences

Address: 21 Nanyang Linke 637371

Hotel

AMIC 2025 recommends the following hotels. As **July is the peak travel season in Singapore** and hotel rooms are limited, we kindly advise you to make your reservation as early as possible.

Hotel	Distance	Room Rate
Genting Hotel Jurong	9 km from NTU	S\$ 175++
Grand Copthorne Waterfront Hotel	22 km from NTU	S\$ 270++

Booking Link: <https://www.ami-conference.com/Hotel>

Transportation

Taxis

- **Availability:** Taxis are widely available and can be hailed on the street, at taxi stands, or booked via apps like ComfortDelGro (CDG ZIG app), Grab, and Gojek.
- **Payment:** Cash, credit cards, and mobile payments are accepted.
- **Tips:**
 - Use taxi stands during peak hours.
 - Be aware of peak hour surcharges (Monday to Friday, 7:00 am - 9:30 am, and 5:00 pm - 8:00 pm)

Buses

- **System:** Comprehensive and efficient, run by SBS Transit and SMRT.
- **Payment:** Use an EZ-Link card or contactless credit/debit cards.
- **Tips:**
 - Buses are air-conditioned, making travel comfortable.
 - Check routes and schedules on the MyTransport.SG app.

MRT (Mass Rapid Transit)

- **System:** Extensive, clean, and efficient network covering most parts of Singapore.
- **Payment:** Use an EZ-Link card or contactless credit/debit cards.
- **Tips:**
 - MRT stations are marked with a red, green, or blue MRT logo. Peak hours are typically from 7:00 am to 9:00 am and 5:00 pm to 7:00 pm on weekdays.
 - Maps and guides are available at stations and online on the Transit Link website.



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3-5 July 2025, Singapore

Nanyang Technological University
School of Physical and Mathematical Sciences



Contact Us

Conference Website:

<https://www.ami-conference.com/>

Sponsorship

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