



THE 3rd SYMPOSIUM on AMMONIA ENERGY SECOND ANNOUNCEMENT

Sep 22nd – 26th, 2024 Shanghai • China



The **3rd Symposium on Ammonia Energy** (SoAE) is co-organized by Chinese Society of Engineering Thermophysics, Shanghai Jiao Tong University and Foshan Xianhu Laboratory. The theme of this symposium is **Ammonia: New Energy, New Opportunity**. We cordially invite scholars, graduate students, and industrial practitioners, as well as anyone with an interest in ammonia energy, to attend and engage in this annual global congress.



TOPICS

Ammonia production, materials, catalyst, cracking systems, fuel cells, combustion fundamentals, combustion applications, reaction modeling, CFD modeling, life-cycle assessment, environmental impact, techno-economic aspects, and health, safety & security.



IMPORTANT DATES

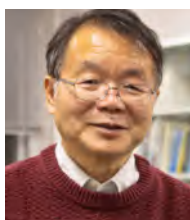
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| • February 20 th , 2024 | ✓ Registration/Submission Portal Opening |
| • July 31 st , 2024 | Submission Deadline |
| • August 10 th , 2024 | Early Bird Registration Deadline |
| • September 22 nd , 2024 | Check-in for Industry Workshop |
| • September 23 rd , 2024 | Industry Workshop Date/Check-in for Symposium |
| • September 24 th - 26 th , 2024 | Symposium Date |



TECHNICAL PROGRAM

Opening ceremony, plenary lecture sessions, oral presentation sessions, poster presentation sessions, closing ceremony, Industry Workshop, and Health, Safety, and Security Workshop.

PLENARY LECTURES



Hideo Hosono

Tokyo Institute of Technology, Japan
Ammonia thermocatalytic synthesis



Hideaki Kobayashi

Tohoku University, Japan
Ammonia direct combustion



Christine Rousselle

Orleans University, France
Ammonia IC engine



Junwang Tang

Tsinghua University, China
Renewable energy-driven NH₃ synthesis



Shanwen Tao

Warwick University, United Kingdom
Direct ammonia fuel cells

KEYNOTE LECTURES

María U. Alzueta *University of Zaragoza, Spain*

Yusuf Bicer *Hamad Bin Khalifa University, Qatar*

Ping Chen *Dalian Institute of Chemical Physics, CAS, China*

Ayman Elbaz *KAUST, Saudi Arabia*

Shuiqing Li *Tsinghua University, China*

Kun Luo *Zhejiang University, China*

Xin Tu *University of Liverpool, United Kingdom*

Zhihua Wang *Zhejiang University, China*

Xiaolin Wei *Institute of Mechanics, CAS, China*

Jong-Beom Baek *UNIST, South Korea*

Christian Brackmann *Lund University, Sweden*

Jun Cheng *Chongqing University, China*

Zuohua Huang *Xi'an Jiaotong University, China*

Guozhu Liu *Tianjin University, China*

Alexandr Simonov *Monash University, Australia*

Liwei Wang *Shanghai Jiao Tong University, China*

Haiqiao Wei *Shenyang Aerospace University, China*

Rui Xiao *Southeast University, China*

INDUSTRY WORKSHOP

This one-day event, adopting a novel **Academy PLUS Industry (A+I)** style, will include opening ceremony, plenary lecture session, round-table discussion, and four parallel sessions (Production and Materials, Internal Combustion Engines, Gas Turbines and Jet Engines, and Boilers and Thermal Systems). **Over 50 enterprises and institutions will share their recent progresses in the ammonia industry.**

More details can be found: <https://soae.sjtu.edu.cn/Data/List/Industry-Workshop>.

For further inquiries about the symposium, such as the website, visa, transport, and so on, please direct your questions to the official email address: **soae@sjtu.edu.cn**.



SCIENTIFIC COMMITTEE

Chair

Agustin Valera Medina *Cardiff University, United Kingdom*

Consists of 70 members from 23 countries/regions.



ORGANIZING TEAM

International Advisory Committee (IAC)

Chairs

Katharina Kohse-Höinghaus *Bielefeld University, Germany*

Qingjie Zhang *Wuhan University of Technology, China*

Consists of 41 members from 11 countries/regions.

Industry Workshop Committee (IWC)

Chairs

Douglas Macfarlane *Monash University, Australia*

Alasdair Cairns *University of Nottingham, United Kingdom*

Bobby Noble *Electric Power Research Institute, United States*

Consists of 33 members from 12 countries/regions.

Local Organization Committee (LOC)

Honorary Chairs

Zhen Huang *Shanghai Jiao Tong University, China*

Yibing Cheng *Foshan Xianhu Laboratory, China*

Consists of 73 members from 22 domestic units.

Chair

Yuyang Li *Shanghai Jiao Tong University, China*



REGISTRATION AND SUBMISSION

We invite scholars, graduate students, and industrial practitioners to register online through the registration system and attend the 3rd SoAE, and to submit their original research. A **two-page extended abstract** for the 3rd SoAE should be submitted online through the submission system. Detailed guidelines for registration and submission are available on the symposium website: <https://soae.sjtu.edu.cn/>

Selected papers will have the opportunity to be published in the **Journal of Ammonia Energy, Energy & Fuels**, and **Applied Sciences**.



LOGISTICAL INFORMATION

In addition to the technical program, the nearly week-long symposium will also feature several social events such as reception, banquet, and farewell. The meeting will also provide delegates opportunities to visit the beautiful Minhang Campus of Shanghai Jiao Tong University, as well as enjoy a night cruise on the Huangpu River.



VENUE AND ACCOMMODATION

This year, the 3rd SoAE will take place at the **Primus Hotel Shanghai Hongqiao**. Accommodation information will be available in the registration system once registration is completed through the symposium website: <https://soae.sjtu.edu.cn/>

Please be aware that **September is a busy season with numerous conferences, exhibitions, and expositions** at or near the venue. Consequently, accommodation availability at the venue can hardly be guaranteed after the early bird registration deadline.