



THE 3rd SYMPOSIUM on AMMONIA ENERGY FOURTH 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. **The abstract submission deadline has been extended to August 14th.**



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

- February 20th, 2024
 - August 10th, 2024
 - NEW** August 14th, 2024
 - September 22nd, 2024
 - September 23rd, 2024
 - September 24th - 26th, 2024
- Registration/Submission Portal Opening
Early Bird Registration Deadline
Submission Deadline
Check-in for Industry Workshop
Industry Workshop Date/Check-in for Symposium
Symposium Date



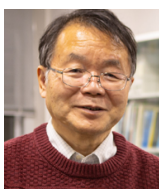
TECHNICAL PROGRAM

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

PLENARY LECTURES



Ib Chorkendorff
DTU, Denmark
Electrochemical
ammonia synthesis



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
ammonia 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



Yibing Cheng
Foshan Xianhu Laboratory
China



Chuyun Zhang
Monalisa Group Co., Ltd
China



Ning Yan
National University of Singapore
Singapore



Sundar Chidambaram
Siemens Energy
Germany

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.**

(Speakers already confirmed)

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 44 members from 13 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 27 members from 11 countries/regions.

Local Organization Committee (LOC)

Honorary Chairs

Zhen Huang *Shanghai Jiao Tong University, China*

Yibing Cheng *Foshan Xianhu Laboratory, China*

Consists of 77 members from 23 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/>

This symposium is collaborated with a number of energy journals, including **Journal of Ammonia Energy**, **The Innovation 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.