



# THE 3rd SYMPOSIUM on AMMONIA ENERGY THIRD ANNOUNCEMENT

Sep 22<sup>nd</sup> – 26<sup>th</sup>, 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. **There are only 2 weeks left until the abstract submission deadline.**



## 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

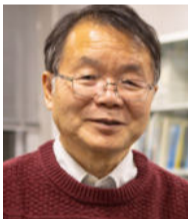
- February 20<sup>th</sup>, 2024 Registration/Submission Portal Opening
- July 31<sup>st</sup>, 2024 Submission Deadline
- August 10<sup>th</sup>, 2024 Early Bird Registration Deadline
- September 22<sup>nd</sup>, 2024 Check-in for Industry Workshop
- September 23<sup>rd</sup>, 2024 Industry Workshop Date/Check-in for Symposium
- September 24<sup>th</sup> - 26<sup>th</sup>, 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 NH<sub>3</sub> 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](mailto: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 43 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 76 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.