



# THE 3rd SYMPOSIUM on AMMONIA ENERGY

## FIRST ANNOUNCEMENT & CALL FOR PAPERS

Sep 23<sup>rd</sup> – 26<sup>th</sup>, 2024 Shanghai • China



The **3rd Symposium on Ammonia Energy** (SoAE), will take place in Shanghai from September 23<sup>rd</sup> to 26<sup>th</sup>, 2024. This annual event is hosted by Shanghai Jiao Tong University (SJTU) and Foshan Xianhu Laboratory (FXL). 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.

### BACKGROUND

Ammonia, often referred to as “the other hydrogen”, is emerging as a future energy vector for the decarbonization of the global economy. However, numerous challenges remain before it can be utilized on a large scale. These challenges include issues related to its production, storage, transportation, utilization, environmental impacts, and safety. Continuous innovation and advancements are essential to ensure its effective integration into future sustainable energy systems. As progress is made globally, the SoAE serves as an international platform for presenting and discussing the latest scientific and engineering developments in the field of ammonia energy.

### TOPICS

This symposium will feature plenary lectures, keynote lectures, oral presentations, and poster presentations covering a wide range of topics, including but not limited to 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 23 <sup>rd</sup> - 26 <sup>th</sup> , 2024 | Symposium Date                         |

### SCIENTIFIC COMMITTEE

**Chair Agustin Valera Medina** *Cardiff University, United Kingdom*

The 70 members from 30 countries and regions are divided into nine topics, including Atmospheric thermal applications, Chemical reactions, Environment/life-cycle assessment/techno-economics, Fuel cells, Fundamentals, Gas turbines, Internal combustion engines, Materials impacts/production/cracking materials, and Modelling.

**SYMPOSIUM WEBSITE** <https://soae.sjtu.edu.cn/>

### ORGANIZING TEAM

#### International Advisory Committee

#### Chairs

**Katharina Kohse-Höinghaus** *Bielefeld University, Germany*

**Qingjie Zhang** *Wuhan University of Technology, China*

The 36 members from 9 countries and regions possess extensive expertise and insightful perspective in organizing international academic conferences.

#### Local Organization Committee

#### Honorary Chairs

**Zhen Huang** *Shanghai Jiao Tong University, China*

**Yibing Cheng** *Foshan Xianhu Laboratory, China*

The 66 members from 19 domestic units comprise honorary members, members from other domestic units, and host members.

#### Chair

**Yuyang Li** *Shanghai Jiao Tong University, China*

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).

### 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 (<https://jae.cardiffuniversitypress.org/>), providing authors with a platform to share their research with a wider audience and earn recognition for their work.

### TECHNICAL PROGRAM

The technical program will include an opening ceremony, plenary lecture sessions, oral presentation sessions, poster presentation sessions, lab tours, a closing ceremony, and specialized workshops, such as the Industry Workshop and the Health, Safety, and Security

### 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.