

1st International Symposium on Hydrogen Safety Science and Engineering

Hefei, China 21-23 August 2022

CALL FOR PAPERS

The first International Symposium on Hydrogen Safety Science and Engineering (1st ISHSSE) will be held in Hefei, China on August 21-23, 2022 by the University of Science and Technology of China. The first ISHSSE is hoped to attract experts from all over the world, and provide an open platform for presentation and discussion of new findings, information, and data on hydrogen safety from basic research to applied development and from good practice to standardization and regulatory issues.

Topics or themes

You are welcome to make a contribution by submitting your work. Below is a non-exhaustive list of themes and topics to act as a guide:

- Release and dispersion of gaseous and liquid hydrogen
- Hydrogen fire and explosion dynamics
- Safety technologies for preventing and mitigating hydrogen fires and explosions
- Physical (e.g., thermal/overpressure) effects on surroundings and consequence analysis
- Hydrogen effects on materials and components
- Risk analysis and safety management of hydrogen systems
- Safety in hydrogen infrastructure
- Safety in hydrogen fueling stations
- Safety in hydrogen transportation
- Safety in hydrogen vehicles
- Safety in hydrogen-based energy storage systems
- Hydrogen safety in other practices and industries
- Emergency management/response technology and applications
- Hydrogen codes and standards
- Miscellaneous



Types and requirements

Must be original work which is not under consideration for publication elsewhere. All submissions must be in English.

- Extended abstract: Must be original work. The same paper must not have been submitted to another forum.
- Posters: Posters may describe work in progress, or completed projects.
- Oral Presentation: Oral presentation of the extended abstract at the symposium must be made by an author.

The extended abstracts will be included in a symposium proceeding. Selected abstracts accepted for oral presentation will be invited to submit a full version paper to a special issue of International Journal of Hydrogen Energy.

Submission website: <https://ishsse.casconf.cn/page/1475460274042572800>

Timeline

Extended abstract submission deadline	May 20, 2022
Extended abstract notification	June 20, 2022
Early bird registration	July 20, 2022

Registration and Accommodation

The registration fee:

- Early registration (before July 20, 2022): Regular: USD 400 or CNY 2500; Student: USD 300 or CNY 2000
- Standard registration (after July 20, 2022): Regular: USD 500 or CNY 3200; Student: USD 400 or CNY 2500

The accommodation: Swan Lake Hotel, 888 Dongliu Road, Hefei, Anhui

Scientific Committee

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Prof. Laibin Zhang

Xi'an Jiaotong University, CN
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Organizing Committee

Chairs: Prof. Jinhua Sun and Prof. Huahua Xiao

Local organizer: University of Science and Technology of China

Co-organizers: Dalian University of Technology; Changzhou University; Xi'an University of Science and Technology; Chongqing University; The Chemical Safety Committee, Chemical Industry and Engineering Society of China; International Journal of Hydrogen Energy

Secretaries: Assoc. Prof. Qiangling Duan, Assoc. Prof. Min Li, Dr. Kaiqiang Jin

Website: <https://ishsse.casconf.cn/> **E-mail:** ishsse@ustc.edu.cn

Additional Information

If you have any questions, please contact us:

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