

Invitation & Call for Papers

The First International Conference on PEM Fuel Cell Science and Technology

Nov 15-18, 2019
Xi'an, Shaanxi, China



Organized by

Xi'an Jiaotong University, China

Sponsored by

National Natural Science Foundation of China
Chinese Society of Engineering Thermophysics
International Joint Research Laboratory of Thermal
Science and Engineering
Key Laboratory of Thermo-Fluid Science and
Engineering of Ministry of Education

<http://icpfct19.xjtu.edu.cn>



OBJECTIVES

Fuel cell is a next-generation energy power system with significance of energy revolution. Due to its advantages of high energy conversion efficiency, low noise and zero emission, fuel cell plays an essential role for solving two global issues of "energy crisis" and "environmental pollution", and it is also beneficial for achieving the sustainable development of human society. Fuel cell is an electrochemical energy conversion device including complex heat and mass transfer processes coupled with electrochemical reaction, material properties and operational conditions. With the significant scientific and technical progress, fuel cells will be widely used in clean power plants, electric vehicles, mobile power supply, uninterrupted power supply, submarines and space power supply.

The First International Conference on PEM Fuel Cell Science and Technology (ICPFCT, 2019) aims to bring together leading academic scientists and research scholars to exchange and share their experiences and research results on all aspects of PEM Fuel Cell Science and Technology. It also provides an interdisciplinary platform for researchers, practitioners, and educators to discuss the most recent innovations, trends, and concerns as well as the future challenges in the fields of PEM Fuel Cell Science and Technology. ICPFCT will foster new collaborations not only in academia, but also from industry and research foundation.

TOPICS

Authors are invited to submit original research papers covering, but not limited to, the following areas:

- ◆ Fuel cell system modelling and control
- ◆ Analysis and evaluation of ageing phenomena
- ◆ Cell and stack technology
- ◆ Heat and mass transfer
- ◆ Electrochemistry and material in battery

- ◆ Transport phenomena
- ◆ Fuel cell component and system
- ◆ Thermal management of fuel cell
- ◆ Hydrogen production, transport and storage
- ◆ Fuel and fuel infrastructure
- ◆ Global market, policy and initiative of fuel cell

IMPORTANT DATES

- ◆ May 15, 2019: Abstract submission (300 words)
- ◆ Jun 1, 2019: Abstract acceptance notification
- ◆ Jul 15, 2019: Full paper submission
- ◆ Aug 1, 2019: Submission for oral presentation only
- ◆ Aug 15, 2019: Full paper acceptance notification
- ◆ Sep 1, 2019: Final paper submission

Authors will have options to present their research work either in an abstract (presentation only) or a full-length paper. All papers will be reviewed by the conference technical and organizing committees under the direction of the International Scientific and Advisory Committee. All accepted papers will be published in the Proceedings of the Conference.

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Xi'an Jiaotong Univ., China

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FORMAT

The conference will be composed of the following events and activities:

- ◆ **Keynote lectures** will be presented by invited speakers;
- ◆ **General contributed papers** will be presented orally by authors.

PUBLICATION

The Proceedings will be published as a USB Driver. In addition, suitable papers will be recommended for publication in relevant journals, such as:

Energy (IF=4.968)
Science Bulletin (IF=4.136)
Journal of Energy Engineering (IF=1.346)
Journal of Thermal Science (IF=0.678)
SCIENCE CHINA Technological Sciences (IF=1.719)

REGISTRATION FEE

Regular: US \$ 600 (before Oct 1, 2019), US \$ 650 (after Oct 1, 2019)

Student: US \$ 500 (before Oct 1, 2019), US \$550 (after Oct 1, 2019)

Accompanying person: US \$ 300 (before Oct 1, 2019), US \$400 (after Oct 1, 2019)

The Registration fees include refreshments/tea/coffee, lunch and a banquet during the conference. The detail registration, template and accommodation information

for ICPFCST 2019 are presented in website: <http://icpfct19.xjtu.edu.cn>. **The abstract and full paper should be submitted to the email: icpfct@mail.xjtu.edu.cn**

VENUE

The ICPFCST 2019 will be held in Xi'an, China, on Nov. 15-18, 2019. Xi'an, located in central-northwest China and called "Changan" in ancient time, records the great changes of the country like a history book. It is one of the birthplaces of the ancient Chinese civilization in the Yellow River Basin area. As the eastern terminal of the Silk Road and the site of the famous Terracotta Warriors of the Qin Dynasty, the city has won good reputation all over the world. Xi'an is also the city with one of the highest density of college education in China which is full of creativity.



Big Wild Goose
Pagoda

Terra-Cotta Warriors and
Horses

Hua Mountain

CONTACT INFORMATION

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