

ANNOUNCEMENT AND CALL FOR PAPERS

The 7th Asian Symposium on Computational Heat Transfer and Fluid Flow - 2019 (ASCHT2019)

September 3-7, 2019
Tokyo, Japan

URL: <http://www.ascht2019.com>
Email: office@ascht2019.com

BACKGROUND

The first Asian Symposium on Computational Heat Transfer and Fluid Flow (ASCHT) was organized in Xi'an, China, in 2007 with the intention of encouraging scientific and technical cooperation and exchange among Asian countries. Then, the symposia have been held every two years to activate not only the scientific and technical communication but also to promote the friendship of members. The ASCHT 2019 will be held at Tokyo University of Science, in Tokyo from 3 to 7 September 2019. This symposium is the seventh in the series of biennial symposia started in Xi'an, China (2007), Jeju, Korea (2009), Kyoto, Japan (2011), Hong Kong, China (2013), Busan, Korea (2015), Chennai, India (2017).

This symposium aims to provide an international forum for presentation, exchange of ideas and creation of knowledge in recent advances on various aspects of theories, analyses, and applications of computational methods in theoretical and engineering fluid and thermal science. The program includes invited keynote lectures by distinguished experts across the globe. There will be a number of parallel technical sessions spread over the conference periods. It will bring together researchers and practitioners from academia, research institutions and industry to exchange experiences, disseminate up-to-date information, and explore new research directions. It will also expose young or new researchers to the state-of-the-art research activities. It is anticipated that the 7th Asian Symposium on Computational Heat Transfer and Fluid Flow - 2019 (ASCHT 2019) will provide the best opportunity for stimulation of the researchers as well as for furthering cooperation among the investigators in the field of thermo-fluid science and engineering.

CALL FOR PAPERS

Original papers which deal with all aspects of CFD either qualitative and/or quantitative in nature are solicited. Topics include but not limited to:

- Computational heat transfer and fluid dynamics
- Computational multi-component and multiphase flow
- Computer simulations for reducing CO₂ emission
- Computer simulations of reacting flows

- Flow and heat transfer control
- Heat exchangers
- Industrial heat transfer
- Multiscale modeling and discrete event simulation
- Non-Newtonian flow modeling
- Numerical micro/nano fluid dynamics and heat transfer
- Numerical bio-fluid dynamics and heat transfer
- Numerical methods in multi-scale and multi-physics modeling
- Numerical methods in radiative heat transfer
- Uncertainty analysis and experimental validation
- Parameter estimation and inverse problems
- Surrogate modeling and optimization

Selected papers and presentations will be awarded **Best Paper and Presentation Award**. Also, Selected papers from ASCHT2019 will be further reviewed and published in special issues of *International Journal(s)*.

ABSTRACT SUBMISSION

Papers will be selected based on two page abstracts (A4, single space, Times New Roman letters of 10 font size) including results and figures. Papers submitted should include the title of the paper, authors' names and affiliations, a concise statement of the problem, method of approach, results and discussion, and conclusions. Please identify the corresponding author. Electronic submissions are strongly encouraged. Template is available from the symposium website (<http://www.ascht2019.com>) which will be available in December. Please submit your abstract in a Word or PDF format to the ASCHT2019 Secretariat via ASCHT2019 website (online submission). The file size is limited to 5MB.

IMPORTANT DATES

Abstract:

Two-page extended abstract due:	February 28, 2019
Notification of acceptance:	March 31, 2019
Final manuscript due:	April 30, 2019
Early bird registration due:	May 31, 2019

CONFERENCE VENUE

Tokyo University of Science (Katsushika Campus)
Tokyo, Japan (<https://www.tus.ac.jp/en/campus/>)



REGISTRATION FEES

Early Registration	(by 31 May 2019)	JP¥ 60,000
Standard Registration	(after 1 June 2019)	JP¥ 70,000
Student Registration	(by 31 May 2019)	JP¥ 30,000
Student Registration	(after 1 June 2019)	JP¥ 40,000
Spouse Registration		JP¥ 20,000

ORGANIZING COMMITTEE

General Chair

K. Suga (Osaka Pref. Univ., Japan)

Co-Chairs

W. Q. Tao (Xi'an Jiaotong Univ., China)

N. Hur (Sogang Univ., Korea)

Conference Secretariat

M. Kaneda (Osaka Pref. Univ., Japan)

Honorary Chair

M. Yamamoto (Tokyo Univ. of Sci., Japan)

Advisors

Y. Kawaguchi (Tokyo Univ. of Sci., Japan)

T. Kunugi (Kyoto Univ., Japan)

K. Nakabe (Kyoto Univ., Japan)

Paper & Program Committee Chair

M. Shibahara (Osaka Univ., Japan)

Local Committee Chair

T. Tsukahara (Tokyo Univ. Sci., Japan)

INTERNATIONAL ADVISORY COMMITTEE

Abe, Kenichi (Kyushu Univ., Japan)
Baek, Je Hyun (Pohang Univ. of Sci. and Tech., Korea)
Chen, Chao-Kuang (National Cheng-Kung Univ., Taiwan)
Chen, Min (Tsinghua Univ., China)
Choi, Hyoung Gwon (Seoul National Univ. of Sci. and Tech., Korea)
Chung, Jin Taek (Korea Univ., Korea)
Fukagata, Koji (Keio Univ., Japan)
Fukudome, Koji (Tokyo Univ. Sci., Japan)
Fukushima, Naoya (Tokai Univ., Japan)
Gotoda, Hiroshi (Tokyo Univ. of Sci., Japan)
Guo, Zhao-Li (Huazhong Univ. of Sci. and Tech., China)
Ha, Man Yeong (Pusan National Univ., Korea)
Hasegawa, Yosuke (The Univ. of Tokyo, Japan)
Hattori, Hirofumi (Nagoya Institute of Tech., Japan)
He, Ya-Ling (Xi'an Jiaotong Univ., China)
Hirota, Masafumi (Mie Univ., Japan)
Iwamoto, Kaoru (Tokyo Univ. of Agricul. and Tech., Japan)
Juntasaro, Ekachai (King Mongkut's Univ., Thailand)
Juntasaro, Varangrat (Kasetsart Univ., Thailand)
Kajishima, Takeo (Osaka Univ., Japan)
Kim, Heuy-Dong (Andong National Univ., Korea)
Ko, Sunggho (Chungnam National University, Korea)
Kuwata, Yusuke (Osaka Pref. Univ., Japan)
Lee, Chang-Eon (Inha Univ., Korea)
Lee, Jinho (Yonsei Univ., Korea)
Lee, Joon Sik (Seoul National Univ., Korea)
Lee, Kwan-Soo (Hanyang Univ., Korea)
Lee, Young-Ho (Korea Maritime and Ocean Univ., Korea)
Lee, Yeon-Won (Pukyung Univ., Korea)
Lin, Chao-An (National Tsing Hua Univ., Taiwan)
Lu, Xi-Yun (Univ. of Sci. and Tech. of China, China)
Luo, Kun (Zhejiang Univ. Hangzhou, China)
Matsubara, Koji (Niigata Univ., Japan)
Mamori, Hiroya (The Univ. Electro-Comm., Japan)
Muralidhar, Krishnamurthy (IIT Kanpur, India)
Myong, Hyon Kook (Kookmin Univ., Korea)
Ni, Ming-Jiu (Univ. of Chinese Academy of Sci., China)

Nishida, Hidetoshi (Kyoto Institute of Tech., Japan)
Park, Youn Cheol (Cheju National Univ., Korea)
Qiu, Hui-He (Hong Kong Univ. of Sci.&Tech. Hong Kong, China)
Shin, Byeong Rog (Changwon National Univ., Korea)
Shin, Seungwon (Hongik Univ., Korea)
Shiomi, Junichiro (The Univ. of Tokyo, Japan)
Son, Gihun (Sogang Univ., Korea)
Song, Tae-Ho (Korea Adv. Inst. of Sci. & Tech., Korea)
Suh, Yong-Kweon (Dong-A Univ., Korea)
Suzuki, Hiroshi (Kobe Univ., Japan)
Tanahashi, Mamoru (Tokyo Institute of Tech., Japan)
Tang, Gui-Hua (Xi'an Jiaotong Univ., China)
Tatsumi, Kazuya (Kyoto University, Japan)
Um, Sukkee (Hanyang Univ., Korea)
Wang, Liang-Bi (Lanzhou Jiaotong Univ., China)
Wang, Zhi-Feng (Chinese Academy of Sci., China)
Wu Chongsin (National Chiao Tung Univ., Taiwan)
Xu Kuan (Hong Kong Univ. of Sci. and Tech., Hong Kong, China)
Xuan, Yi-Min (Nanjing Univ. of Sci. & Tech., China)
Yang Jaw-Yen (National Taiwan Univ., Taiwan)
Yang, Mo (Univ. of Shanghai for Sci. and Tech., China)
Yokomine, Takehiko (Kyoto Univ., Japan)
Yu, Bo (China Univ. of Petroleum, China)
Zhao Tianshou (Hong Kong Univ. of Sci. & Tech., Hong Kong, China)

ORGANIZED by

The Heat Transfer Society of Japan



CO-ORGANIZED by

Tokyo University of Science, Japan

