



The Seventeenth Asian Congress of Fluid Mechanics

ACFM 2023

August 8-12, 2023

Beijing, China

SECOND ANNOUNCEMENT AND CALL FOR PAPERS

Organized by

Beijing Institute of Technology

Co-organized by

Fluid Mechanics Committee, CSTAM

BACKGROUND

The 17th Asian Congress of Fluid Mechanics (ACFM) will be held on August 8-12, 2023 in Beijing, China.

ACFM was initiated by H. Sato (Japan), R. Narasimha (India) and Peiyuan Chou (China) in 1980, with the intention of encouraging scientific and technical cooperation and exchange among Asian countries and regions. It presents the most recent developments in theoretical, experimental and computational researches as well as industrial and technological advances in the field of fluid mechanics.

ACFM aims to provide an international forum for presentation, and exchange of original ideas and recent advances in fluid mechanics among scientists and engineers.

SCIENTIFIC TOPICS

- Aeroacoustics and aerodynamics
- Astrophysical fluid mechanics
- Boundary layer flows
- Combustion
- Compressible flows and gas dynamics
- Computational fluid dynamics
- Environmental and natural fluid mechanics
- Experimental fluid mechanics
- Flow induced noise and vibration
- Fluid machinery and industrial fluid mechanics
- Granular materials and flows
- Heat and mass transfer
- Hydrodynamics and hydraulics
- Membrane and porous media flows
- Micro and Nano fluid dynamics
- Multi-phase and reacting flows
- Non-Newtonian flows
- Unsteady flows and rotating flows
- Others

PAPER SUBMISSION

17th ACFM organizers cordially invite you to attend this Congress and submit **one-page** abstract in any branch of fluid mechanics including those listed above. Submission of the full paper is optional. However, only full papers accepted for oral presentations will be published in special issues of international journals. Guidelines for paper submission are available in the Congress website (<http://www.17acfm.com.cn>). All submitted abstracts and papers will go under peer review.

The Congress is planned as an in-person meeting. However, for individuals who cannot travel to Beijing due to restrictions, exceptions will be made to allow for virtual participation.

REGISTRATION FEE

Please note that all fees are in Chinese Yuan (CNY).

| | Early Registration | Standard Registration |
|---------------------|--------------------|-----------------------|
| Regular | ¥3200 (\$450) | ¥4000 (\$550) |
| Student | ¥1500 (\$200) | ¥2100 (\$300) |
| Accompanying person | ¥1500 (\$200) | ¥1500 (\$200) |
| Virtual attendance | ¥1000 (\$150) | ¥1000 (\$150) |

NOTE: Conversion from CNY to USD is based on the current exchange rate.

IMPORTANT DATES

Extended Deadline for Abstract Submission:

February 15, 2023

Notification of Abstract Acceptance:

March 15, 2023

Deadline for Full Paper Submission:

May 15, 2023

Deadline for Early Bird Registration:

June 15, 2023

ASIAN FLUID MECHANICS COMMITTEE

Chairman

Song Fu (China)

Honorary Members

Masaru Kiya (Japan)

Jia-Chun Li (China)

G. S. Bhat (India)

Executive Committee Members

Hitoshi Ishikawa (Japan)

Sanjay Mittal (India)

G. S. Bhat (India)

Qing-Quan Liu (China)

Members

Mohammad Ali (Bangladesh)

A. A. Bidokhti (Iran)

Yong Tian Chew (Singapore)

Duong Ngoc Hai (Vietnam)

Fazle Hussain (USA)

A. K. M. Sadrul Islam (Bangladesh)

Seiichiro Izawa (Japan)

J. Ahmad Khan (Pakistan)

Heuy Dong Kim (Korea)

Victor V. Kozlov (Russia)

Sang-Joon Lee (Korea)

Sekhar Majumdar (India)

Kannan M. Munisamy (Malaysia)

Sri Redjeki Pudjaprasetya (Indonesia)

Chang Shu (Singapore)

Wei Shyy (Hong Kong, China)

C. P. Tso (Malaysia)

Jin-Jun Wang (China)

S. B. Weerakoon (Sri Lanka)

Kun Xu (Hong Kong, China)

Secretariat

Wei-Xi Huang (China)

ORGANIZING COMMITTEE

Chair

Qing-Quan Liu (BIT)

Co-Chair

Ji-Fu Zhou (IMCAS)

Secretary General

Hong-Hui Teng (BIT)

Members

Ning Zhao (NUAA)

Yi-Wei Wang (IMCAS)

Yue Yang (PKU)

Ben-Long Wang (SJTU)

Kai Zhang (UPC)

Chong Pan (BUAA)

Xian-Xu Yuan (CARDC)

Jing Wang (BISEE)

Zhao-Sheng Yu (ZJU)

Yun-Jun Yang (CAAA)

Jian Wu (HIT)

Ting Si (USTC)

Heng-Dong Xi (NPU)

Guo-Hua Wang (LZU)

Jie Chen (CSTAM)

Xiao-Liang Wang (BIT)

Dong Li (BIT)

Guo-Sheng He (BIT)

Advisors

Heng Zhou (TJU)

Jia-Chun Li (IMCAS)

Xiao-Jing Zheng (XDU)

Shi-Yi Chen (SUSTech)

Xiao-Gang Deng (AMS)

Guo-Wei He (IMCAS)

Xi-Yun Lu (USTC)

Ke-Qing Xia (SUSTech)

Zhi-Gong Tang (CARDC)

Qing-Guo Meng (NSFC)

BEIJING

As the capital of the People's Republic of China, Beijing is located in northern China, close to Tianjin Municipality and partially surrounded by Hebei Province. The city covers an area of more than 16,410 square kilometers and has a population of 21.8 million people. It is the nation's second-largest city after Shanghai as well as China's most important center for international trade and communications. Beijing is the first city in the world to host both the Summer and Winter Olympic Games.

Combining both modern and traditional architecture, Beijing is one of the oldest cities in the world, with a rich history dating back three millennia. It has seven UNESCO World Heritage Sites—the Forbidden City, Temple of Heaven, Summer Palace, Ming Tombs, Zhoukoudian, and parts of the Great Wall and the Grand Canal—all of which are tourist locations. In the early 21st century, Beijing has witnessed tremendous growth of new building constructions, including Beijing National Stadium (Bird's Nest), National Aquatics Center (Water Cube), National Center for the Performing Arts, National Museum of China, and CCTV Headquarters.



CONTACT

Website: <http://www.17acfm.com.cn>

Email: acfm17@bit.edu.cn