



The 14th Asian International Conference on Fluid Machinery (AICFM14)

20th-23rd, Oct. 2017
Beijing, China



Co-organized by:

Asian Fluid Machinery Committee
Jiangsu University

Tel: +86-511-88780280(o);

Email: 2017aicfm14@ujs.edu.cn

Website: <http://aicfm14.csp.escience.cn>

The 14th Asian International Conference on Fluid Machinery (AICFM14)

Background

The conference will be organized by **Jiangsu University** and held in **Beijing (2017)**. It is a continuation of the preceding thirteen conferences that have been held in the name of Asian International Conference on Fluid Machinery. It has developed from the fourth conference (1993) as an International Conference though the start was held in two countries of Japan and China.

The fifth to thirteenth were held in Seoul (1997), Johar Baru (2000), Fukuoka (2003), Yichang (2005), Jeju (2007), Kuala Lumpur (2009), Chennai (2011), and Yogyakarta (2013), Tokyo (2015). Asian Fluid Machinery Committee (AFMC) was established during the 9th AICFM 2011 held in Jeju, Korea.

At the conference, keynote lectures delivered by worldwide fluid machinery specialists will be made to introduce the outstanding achievements in various fluid machinery areas. The conference is organized by AFMC. Participation of those who are relevant to every facet of fluid machinery, R&D will be encouraged.

The 14th AICFM is co-organized by Asian Fluid Machinery Committee (AFMC) and Jiangsu University, and held together with the 1st AWG-IAHR Symposium on Machinery and Systems in Tsinghua University, Beijing.

Objectives

- ◆ To promote a platform for sharing of knowledge among researchers in the field of fluid machinery

- ◆ To encourage partnership between academic and industry
- ◆ To discuss the role of fluid machinery in light of sustainable development, depletion of conventional energy sources and environment challenges
- ◆ To establish and strengthen the Asian and regional networking

Scopes

The scope of this conference includes the all areas of various fluid machines as follows:

- ◆ Compressors
- ◆ Renewable Energy
- ◆ Fans and Blowers
- ◆ Turbomachinery Systems
- ◆ Gas and Steam Turbines
- ◆ Turbomachinery Elements including Seals and Bearings
- ◆ Pumps
- ◆ Design, Optimization & Manufacturing of Turbomachinery
- ◆ Hydro Turbines
- ◆ Control, Operation, Monitoring & Diagnosis
- ◆ Heat Transfer
- ◆ Wind Turbines
- ◆ Theoretical, Experimental & Computational Fluid Dynamics
- ◆ Propellers
- ◆ Measurement Technology
- ◆ Flow Meters and Valves
- ◆ Cavitation & Two Phase Flows
- ◆ Vessels
- ◆ Vibration and Noise
- ◆ Jet Technology
- ◆ Rotor Dynamics
- ◆ Propulsion
- ◆ Tribology

Important dates

- ◆ Abstracts Deadline: May 20th, 2017
- ◆ Abstract Acceptance Notification: June 30th, 2017

- ◆ Submission Draft Papers: July 15th, 2017
- ◆ Paper Acceptance Notification: August 15th, 2017
- ◆ Early bird registration: September 1st, 2017
- ◆ Submission of Final Papers: September 15th, 2017
- ◆ Conference: Oct.20th-23rd, 2017

Registration Fee

Registration Type:	Early Bird	Regular
	Before 30 th Aug. 2017	1st Sep. to 21 st Oct. 2017
Participant	2500RMB	3000RMB
Student Participant	1500RMB	2000RMB
LDC	1500RMB	2000RMB
Accompanying person	1500RMB	1800RMB

* LDC=lesser developed countries (World Bank def.)

*All rates are in CHINA RMB, plus 6% government services tax.

Beijing

A city of histories, places of interests, delicious food.



Beijing has served as the capital of China for more than 800 years. The city is full of places of historic interest and scenic beauty, e.g. the Forbidden City, the Temple of Heaven, the Summer Palace, and the Great Wall.

Organized Sessions

- ◆ Pumps & pump station;
- ◆ Hydro Turbines;
- ◆ Fans and Blowers;
- ◆ Compressors;
- ◆ Design, Optimization & Manufacturing of Turbomachinery
- ◆ Heat Transfer; Combustion;
- ◆ Theoretical, Experimental & Computational Fluid Dynamics
- ◆ Cavitation & Two Phase Flows
- ◆ Rotor Dynamics; Vibration and Noise
- ◆ Ocean engineering; Jet Technology; Propulsion
- ◆ Others

Technical Forum

A technical discussion forum is calling up, mainly about pump, pump station and hydraulic turbine, and welcome your concern.

Asian Fluid Machinery Committee (AFMC)

Chairman

- ◆ Kwang-Yong Kim, Inha University, Korea

Secretary General

- ◆ Mazlan Abdul Wahid, Universiti Teknologi Malaysia

Advisors

- ◆ Tsujimoto Yoshinobu, Osaka University, Japan
- ◆ Furukawa Akinori, Oita National College of Technology, Japan
- ◆ Yulin Wu, Thermal Engineering Dept, Tsinghua University, China

Committee

- ◆ Feng Ding, Yangtze University, China

- ◆ Shengxiong Xue, Hefei General Machinery Research Institute, China
- ◆ Shouqi Yuan, Jiangsu University, China
- ◆ Zhang, Yangjun, Department of Automotive Engineering, Tsinghua University, China
- ◆ Prasad, B,V,S.S.S., Department of Mechanical Eng. IIT Madras, India
- ◆ Prabhu, Siddini V, Department of Mechanical Eng. IIT Bombay, India
- ◆ Priyono Sutikno, Institut Teknologi Bandung, Indonesia
- ◆ Berkah Fajar Tamtomo Kiono, University of Diponegoro, Indonesia
- ◆ Ahmad Nourbakhsh, University of Tehran, Iran
- ◆ Mehrdad Raisee Dehkordi, University of Tehran, Iran
- ◆ Chisachi Kato, University of Tokyo, Japan
- ◆ Jun Matsui, Yokohama National University, Japan
- ◆ Kazuhiro Tanaka, Kyushu Institute of Technology, Japan
- ◆ Satoshi Watanabe, Kyushu University, Japan
- ◆ Kwang-Yong Kim, School of Mechanical Engineering, Inha University, Korea
- ◆ Youn-Jea Kim, School of Mechanical Engineering, Sungkyunkwan University, Korea
- ◆ Soo-Seok Yang, Aero Propulsion System Dept. Korea Aerospace Research Institute, Korea
- ◆ Young-Seok Choi, Chungcheong Regional Division, Korea Institute of Industrial Technology (KITECH), Korea
- ◆ Alias Mohd Noor, Universiti Teknologi Malaysia, Malaysia
- ◆ Mazlan Abdul Wahid, Universiti Teknologi Malaysia, Malaysia
- ◆ Winoto, S. H. Dept. of Mechanical Engineering, National University of Singapore, Singapore
- ◆ Wai Lame Loh, Dept. of Mechanical Engineering, National University of Singapore, Singapore

- ◆ Shyy-Woei Chang, Dept. of Marine Engineering, National Kaohsiung Marine University, Taiwan
- ◆ Huang, Chih-Yung, Department of Power Mechanical Engineering, National Tsing Hua University, Hsinchu, Taiwan
- ◆ Udomkiat Nontakaew, King Mongkut's Institute of technology North Bangkok, Thailand

Local Organizing Committee

Chairman:

- ◆ Shouqi Yuan, Jiangsu University

Executive Chairman:

- ◆ Jianping Yuan, Jiangsu University

Co-Chairmen:

- ◆ Yangjun Zhang, Thermal Engineering Dept, Tsinghua University, China
- ◆ Feng Ding, Yangtze University, China
- ◆ Shengxiong Xue, Hefei General Machinery Research Institute, China
- ◆ Hong Li, Jiangsu University
- ◆ Zhengwei Wang, Tsinghua University
- ◆ Shuhong Liu, Tsinghua University
- ◆ Xingqi Luo, Xi'an University of Technology
- ◆ Fujun Wang, China Agriculture University
- ◆ Dazhuan Wu, Zhejiang University
- ◆ Guoyu Wang, Beijing Institute of Technology

Members:

- ◆ Shuliang Cao, Tsinghua University
- ◆ Jianjun Feng, Xi'an University of Tech.
- ◆ Rennian Li, Lanzhou University of Tech.
- ◆ Fengchen Li, Harbin Institute Tech.
- ◆ Chao Liu, Yangzhou University
- ◆ Li Lu, China Inst. of Water Resources and Hydropower Research Center
- ◆ Xuelin Tang, China Agriculture University
- ◆ Zhongdong Qian, Wuhan University
- ◆ Xianwu Luo, Tsinghua University
- ◆ Daqing Qin, Harbin Electric Machinery Co., Ltd

- ◆ Dezhong Wang, Shanghai Jiaotong University
- ◆ Yongzhi Zhao, Dongfang Electric Machinery Co., Ltd
- ◆ Zuchao Zhu, Zhejiang Sci-Tech University
- ◆ A'man Zhang, Harbin Engineering University
- ◆ Can Kang, Jiangsu University
- ◆ Yuning Zhang, North China Electric Power University

Secretaries General

- ◆ Jinfeng Zhang, Jiangsu University
zhangjinfeng@ujs.edu.cn

Secretariat Members:

- ◆ Qiaorui Si, Yin Luo, Fan Zhang, Ping Huang

Contact:

- ◆ Research center of fluid machinery Engineering and technology, Jiangsu University, Zhenjiang 212013, China
- ◆ E-mail: 2017aicfm14@ujs.edu.cn
- ◆ Phone: +86-511-88780280, +86-511-88783358
- ◆ Fax: +86-511-88780280
- ◆ Website:
<http://aicfm14.csp.escience.cn>

Paper Submission

Prospective Authors are invited to submit abstract of original unpublished works. Abstract should be in MS Word or PDF format and abstracts written in English not exceeding 500 words should contain the title of the paper, author's names and affiliations. Relevant information must be submitted together with the abstract author name, affiliation, address, contact phone/fax, postal code and email.

Instruction for Authors

Paper must reach the conference Secretariat on/or before the specified deadline. Please refer to the conference website for guidelines on paper format.

Publications

Papers of Journal Quality as recommended by the reviewers will be considered for publication in the special issue of "Journal of Drainage and Irrigation Machinery Engineering", "Chinese Journal of Mechanical Engineering", "Journal of Mechanical Science and Technology" and "International Journal of Fluid Machinery and Systems" scheduled after the Conference.

Language

English must be used in your abstract and final paper as well as your presentation.

