



# The 14<sup>th</sup> Asian International Conference on Fluid Machinery (AICFM14)

Nov. 10<sup>th</sup> – 13<sup>rd</sup>, 2017  
Zhenjiang, China



## Co-organized by:

Asian Fluid Machinery Committee (AFMC)  
Chinese Society of Engineering Thermophysics (CSET)  
Jiangsu University

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

Email: 2017aicfm14@ujs.edu.cn

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

## The 14<sup>th</sup> Asian International Conference on Fluid Machinery (AICFM14)

### Background

The conference will be held in **Jiangsu University, Zhenjiang** from Nov. 10<sup>th</sup> to 13<sup>rd</sup> in 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 AICFM14 is organized by Asian Fluid Machinery Committee (AFMC), cooperated by Chinese Society of Engineering Thermophysics (CSET) and Jiangsu University, and held together with the Annual Academic Conference of CSET on Aerothermodynamics and Fluid Machinery in Jiangsu University, Zhenjiang.

### 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 Elements including Seals and Bearings
- Design, Optimization & Manufacturing of Turbo-machinery
- Hydro Turbines
- Control, Operation, Monitoring & Diagnosis
- Heat Transfer
- Theoretical, Experimental & Computational Fluid Dynamics
- Measurement Technology
- Flow Meters and Valves
- Cavitation & Two Phase Flows
- Vibration and Noise
- Jet Technology
- Rotor Dynamics
- Propulsion

### Important dates

- Abstracts Deadline: Jun. 30<sup>th</sup>, 2017
- Abstract Acceptance Notification: Jul. 15<sup>th</sup>, 2017
- Submission Draft Papers: Aug. 15<sup>th</sup>, 2017
- Paper Acceptance Notification: Sep. 30<sup>th</sup>, 2017
- Submission of Final Papers: Oct. 15<sup>th</sup>, 2017
- Conference: Nov. 10<sup>th</sup>-13<sup>rd</sup>, 2017

### Registration Fee

Registration Type:	Early Bird	Regular
	Before Aug. 31 <sup>st</sup> 2017	Sep. 1 <sup>st</sup> to Nov. 10 <sup>th</sup> 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 CHINARMB, plus 6% government services tax.

### Zhenjiang

A city full of history and culture.



Zhenjiang owning a 3500-year history is one of Chinese famous historical & cultural cities and excellent tourist cities. "City in the mountains, mountains in the city" is a significant feature of this landscape garden city, which is known as the "urban forest" and "the best landscape under heaven" and occupies the great reputation as a particularly livable and charming travel city.

### Organized Sessions

- Design, Optimization & Manufacturing of Fluid Machinery
- Theoretical, Experimental & Computational Fluid Dynamics for Fluid Machinery
- Heat Transfer; Combustion
- Cavitation & Multi-Phase Flows

- Rotor Dynamics; Vibration and Noise
- Ocean Engineering; Jet Technology; Propulsion

## Technical Forum

A technical discussion forum is calling up, mainly about techniques or products for fluid machineries, such as pump and pump system, hydraulic turbine, compressor, fan, mechanical seal and bearing. Welcome your concern.

## Asian Fluid Machinery Committee (AFMC)

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### Secretary General

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[zhangjinfeng@ujs.edu.cn](mailto:zhangjinfeng@ujs.edu.cn)

### Secretariat Members:

- Zhongguo Sun, Yong Wang

### Contact:

- National Research Center for Pumps, Jiangsu University, Zhenjiang 212013, China
- E-mail: [2017aicfm14@ujs.edu.cn](mailto:2017aicfm14@ujs.edu.cn)
- Phone: +86-511-88780280, +86-511-88783358
- Fax: +86-511-88780280
- Website: <http://aicfm14.csp.escience.cn>

## Paper Submission

The copyright belongs to the authors and the authors can submit their works to any archival journals after the meeting. 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

High quality and unpublished papers will be considered for publication in the special issue of "Chinese Journal of Mechanical Engineering", "Science China Technological Sciences", "Journal of Mechanical Science and Technology", "International Journal of Fluid Machinery and Systems" or "Journal of Drainage and Irrigation Machinery Engineering", scheduled after the conference, as recommended by the reviewers.

## Language

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

