

## Second Announcement and Call for Papers

# THE 13<sup>TH</sup> ASIAN INTERNATIONAL CONFERENCE ON FLUID MACHINERY 13<sup>TH</sup> AICFM



### Date

7<sup>th</sup>- 10<sup>th</sup> September 2015

### Venue

WASEDA Campus, WASEDA University, TOKYO  
JAPAN



Organized by

Asian Fluid Machinery Committee (AFMC)

Cooperated by

Turbomachinery Society of Japan



## THE 13<sup>TH</sup> ASIAN INTERNATIONAL CONFERENCE ON

## FLUID MACHINERY

### Background

The conference is a continuation of the preceding twelve 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 twelfth were held in Seoul (1997), Johar Baru (2000), Fukuoka (2003), Yichang (2005), Jeju (2007), Kuala Lumpur (2009), Chennai (2011), and Yogyakarta (2013). 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.

### 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

### Scope

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

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

## REGISTRATION FEE

The registration fee for the conference, proceedings, technical session and refreshments, are follows

	Early bird	Standard
Participant/presenter	USD 300	USD 400
Student	USD 200	USD 200
Accompanying person	USD 200	USD 200

Procedure will be described on website in the near future.

## Paper Submission

Prospective Authors are invited to submit abstract of original unpublished works ,admit the publication of IJFMS (International Journal of Fluid Machinery and Systems) as a special case. 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 affiliation, Relevant information must be submitted together with the abstract author name, affiliation, address, contact phone/fax, postal code and email.

## Important Dates

Abstract deadline	10 <sup>th</sup> April 2015
Abstract acceptance notification	25 <sup>th</sup> April 2015
Draft paper deadline	31 <sup>st</sup> May 2015
Draft paper acceptance notification	30 <sup>th</sup> June 2015
Final paper deadline	31 <sup>st</sup> July 2015
Reception	7 <sup>th</sup> -10 <sup>th</sup> September 2015
Conference	8 <sup>th</sup> -10 <sup>th</sup> September 2015

## 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 IJFMS scheduled after the Conference.

## Language

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

## Postal Address

AICFM13  
c/o Kazuhiko Yokota Laboratory, Mechanical Engineering, Science and Engineering,  
Aoyama Gakuin University  
5-10-1 Fuchinobe, Chuo-ku, Sagamihara-shi, 252-5258 Kanagawa, JAPAN

## Website

URL: <http://www.turbo.mech.waseda.ac.jp/aicfm13/>

## E-mail

[yokota@me.aoyama.ac.jp](mailto:yokota@me.aoyama.ac.jp)

## Organized Sessions

- Cavitation and Multiphase Flow: Ando, Keita/Luo, Xianwu/ Sugiyama, Kazuyasu
- Computational Fluid Dynamics: Matsui, Jun
- Design Optimization: Kim, Kwang-Yong/Kobayashi, Katsutoshi/Nakamura, Takanori/Sakaguchi, Daisaku
- Fan and Compressor: Ota, Yutaka/Tamaki, Hideaki
- Measurements and Experimental Fluid Dynamics: Nohmi, Motohiko/Shigemitsu, Toru
- Noise and Vibration Problems of Turbomachinery: Iida, Akiyoshi/Kato, Chisachi
- Pump and Hydroturbine: Choi, Young Do/ Miyagawa, Kazuyoshi/Shuhong, LIU/ Tanaka,Teiichi
- Renewable Energy (wind, tidal, small hydro and etc.): Hasegawa, Yutaka/ Nakanishi, Yuji/Priyono Sutikno/Lee, Young-Ho
- Steam Turbines: Ota, Masato
- Tribology and Rotordynamics: Inoue, Hideyuki/ Uchiumi, Masaharu
- Unsteady Phenomena: Horiguchi, Hironori/ Ota, Yutaka/Zhu, Baoshan

## Local Organizing Committee

Chairman

- Kato, Chisachi, The University of Tokyo

Vice chairman

- Funazaki, Kenichi, Iwate University
- Kaneko, Yasutomo, Ryukoku University
- Matsui, Jun, Yokohama National University
- Miyagawa, Kazuyoshi, Waseda University
- Ota, Yutaka, Waseda University

Advisors

- Tanaka, Kazuhiro, Kyushu Institute of Technology
- Tanuma, Tadashi, Teikyo University,
- Tsujimoto, Yoshinobu, Osaka University
- Tsukamoto, Hiroshi, Kitakyushu National College and Technology
- Furukawa, Akinori, Oita National College of Technology

Committee

- Ando, Keita, Keio University
- Furukawa, Masato, Kyushu University
- Horiguchi, Hironori, Osaka University
- Iio, Shouichirou, Shinshu University
- Iwase, Eiji, Waseda University
- Kawakubo, Tomoki, IHI
- Minorikawa, Gaku, Hosei University
- Nakanishi, Yuji, Kanagawa University
- Nishioka, Takahiro, Hitachi, Ltd.
- Nohmi, Motohiko, Ebara Corporation
- Ota, Masato, Mitsubishi Hitachi Power Systems, Ltd.
- Sato, Kotaro, Kogakuin University
- Sugiyama, Kazuyasu, Osaka University
- Tamaki, Hideaki, IHI
- Tanaka,Teiichi, Kumamoto National College of Technology
- Tsuda, Shinichi, Kyushu University
- Tsujita, Hoshio, Hosei University
- Uchiumi, Masaharu, JAXA
- Ueyama, Yoshiharu, Hitachi, Ltd.
- Watanabe, Satoshi, Kyushu University
- Yamamoto, Makoto, Tokyo University of Science
- Yokota, Kazuhiko, Aoyama Gakuin University
- Yonezawa, Kouichi, Osaka University

## Asian Fluid Machinery Committee (AFMC)

### Chairman

- Kim, Kwang-Yong, Inha University, Korea

### Secretary General

- Mazlan Abdul Wahid, Universiti Teknologi Malaysia

### Advisors

- Kang, Shin-Hyoung, Seoul National University, Korea
- Tsujimoto, Yoshinobu, Osaka University, Japan
- Furukawa, Akinori, Oita National College of Technology, Japan

### Committee

- Feng, Ding, Yangtze University, China
- Xue, Shengxiong, Hefei General Machinery Research Institute, China
- Wu, Yulin, Thermal Engineering Dept, Tsinghua University, China
- Yuan, Shouqi, Jiangsu University
- 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
- Warjito, University of Indonesia, Indonesia
- Kato, Chisachi, The University of Tokyo, Japan
- Matsui, Jun, Yokohama National University, Japan
- Tanaka, Kazuhiro, Kyushu Institute of Technology, Japan
- Watanabe, Satoshi, Kyushu University, Japan
- Kim, Kwang-Yong, School of Mechanical Engineering, Inha University, Korea
- Kim, Youn-Jea, School of Mechanical Engineering, Sungkyunkwan University, Korea
- Yang, Soo-Seok, Aero Propulsion System Dept. Korea Aerospace Research Institute, Korea
- Choi, Young -Seok, Chungcheong Regional Division , Korea Institute of Industrial Technology (KITECH), Korea
- Alias Mohd Noor, Universiti Teknologi Malaysia
- Mazlan Abdul Wahid, Universiti Teknologi Malaysia
- Winoto, S. H. Dept. of Mechanical Engineering, National University of Singapore, Singapore
- Loh, Wai Lame, Dept. of Mechanical Engineering, National University of Singapore , Singapore
- Chiang, Hsiao-Wei, Dept. of Power Mechanical Engineering, National Tsing Hua University, Taiwan
- Chang, Shyy-Woei, Dept. of Marine Engineering, National Kaohsiung Marine University, Taiwan
- Wanchai Asvapoositkul, King Mongkut's University of Technology Thonburi, Thailand
- Warachai Roynarin, Research Center of Renewable Energy Division, Dept. of Mechanical Engineering, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand

### Venue

Conference will be held at WASEDA Campus, WASEDA University.



WASEDA Campus, WASEDA University



International Conference Center



TOKYO Metropolitan Government