

Third Announcement and Call for Papers

THE 13TH ASIAN INTERNATIONAL CONFERENCE ON FLUID MACHINERY (AICFM13)



Date

7th- 10th September 2015

Venue

International Conference Center
WASEDA Campus, WASEDA University, TOKYO
JAPAN



Organized by

Asian Fluid Machinery Committee (AFMC)

Cooperated by

Turbomachinery Society of Japan



THE 13TH 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 2007 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, banquet and refreshment, are follows

	Early bird (15 th July)	Standard
Participant/presenter	JPY 30,000	JPY 40,000
Student	JPY 20,000	JPY 20,000
Accompanying person	JPY 20,000	JPY 20,000

Procedure will be described on website in the near future.

Paper Submission

Prospective Authors are invited to submit abstract of original unpublished works. Papers already published in (or submitted to) IJFMS (International Journal of Fluid Machinery and systems) are welcomed to AICFM13 for presentation. Abstract should be in 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 th April 2015
Abstract acceptance notification	25 th April 2015
Draft paper deadline	31 st May 2015
Draft paper acceptance notification	30 th June 2015
Final paper deadline	31 st July 2015
Reception	7 th September 2015
Conference	8 th -10 th 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

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

However, AICFM13 special issues are scheduled in IJFMS and the authors are encouraged to submit their papers to IJFMS. Papers of journal quality recommended by the AICFM reviewers can be published in the IJFMS special issues with minimum editorial reviews. The publication fee in the special issue will be waived.

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

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

E-mail

yokota@me.aoyama.ac.jp

Organized Sessions and Organizers

OS01: Measurements and Experimental Fluid Dynamics

Nohmi, Motohiko, Ebara Corporation, Japan
Shigemitsu, Toru, Tokushima University, Japan
Kwak, Jae Su, Korea University, Korea

OS02: Computational Fluid Dynamics on Turbomachinery

Matsui, Jun, Yokohama National University, Japan
Lee, Do Hyang, Hanyang University, Korea

OS03: Design Optimization

Sakaguchi, Daisaku, Nagasaki University, Japan
Kobayashi, Katsutoshi, Hitachi, Ltd., Japan
Nakamura, Takatoshi, Toshiba Corporation, Japan
Kim, Kwang-Yong, Inha University, Korea

OS04: Cavitation and Multiphase Flows

Sugiyama, Kazuyasu, Osaka University, Japan
Ando, Keita, Keio University, Japan
Luo, Xianwu, Tsinghua University, China
Kim, Young-Jea, Sungkyunkwan University, Korea

OS05: Tribology and Rotordynamics

Uchiumi, Masaharu, JAXA, Japan
Inoue, Hideyuki, Eagle Industry Co., Ltd., Japan
Lee, Yong Bok, KIST, Korea

OS06: Unsteady Phenomena

Ota, Yutaka, Waseda University, Japan
Baoshan, Zhu, Tsinghua University, China
Horiguchi, Hironori, Osaka University, Japan
Ko, Sungha, Chungnam National University, Korea

OS07: Noise and Vibration Problems of Turbomachinery

Kato, Chisachi, The University of Tokyo, Japan
Iida, Akiyoshi, Toyohashi University of Technology, Japan
Lee, Seungbae, Inha University, Korea

OS08: Renewable Energy (Wind, Tidal, Small, Hydro etc.)

Hasegawa, Yutaka, Nagoya Institute of Technology, Japan
Nakanishi, Yuji, Kanagawa University, Japan
Priyono Sutikno, Institut Teknologi Bandung, Indonesia
Lee, Young Ho, Korea Marine and Ocean University, Korea

OS09: Pumps and Hydroturbines

Miyagawa, Kazuyoshi, Waseda University, Japan
Tanaka, Teiichi, Kumamoto National College of Technology, Japan
Choi, Young Do, Mokpo National University, Korea
Shuhong, Liu, Tsinghua University, China

OS10: Fans and Compressors

Nishioka, Takahiro, Hitachi, Ltd., Japan
Tamaki, Hideaki, IHI Corporation, Japan
Lee, Chan, University of Suwon, Korea

OS11: Steam Turbines

Ota, Masato, Mitsubishi Hitachi Power Systems, Ltd., Japan
Shin, Youhwan, KIST, Korea

OS12: Small Wind Turbines

Jang, Choon Man, KICT, Korea
Iida, Akiyoshi, Toyohashi University of Technology, Japan

OS13: Organic Rankine Cycle Generation

Kim, Kyung Chun, Pusan National University, Korea
Tanuma, Tadashi, Teikyo University, Japan
Kawakubo, Tomoki, IHI Corporation, Japan

GS: General Session

Keynote Lectures

Dr. Goto, Akira, Ebara Corporation, Japan

Prof. Zhang, Yangjun, Tsinghua University, China

Prof. Baek, Je Hyun, Pohang University of Science and Technology, Korea

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 International Conference Center in WASEDA Campus, WASEDA University.



WASEDA Campus, WASEDA University



International Conference Center

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

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

Committee

- Ando, Keita, Keio University
- Chishiki, Mitsuhiro, Turbomachinery Society of Japan
- Furukawa, Masato, Kyushu University
- Horiguchi, Hironori, Osaka University
- Iino, Masamichi, Mitsubishi Heavy Industries, Ltd.
- Iio, Shouichirou, Shinshu University
- Iwase, Eiji, Waseda University
- Kawakubo, Tomoki, IHI Corporation
- Minorikawa, Gaku, Hosei University
- Nakanishi, Yuji, Kanagawa University
- Nishimura, Katsuhiko, The University of Tokyo
- Nishioka, Takahiro, Hitachi, Ltd.
- Nohmi, Motohiko, Ebara Corporation
- Ota, Masato, Mitsubishi Hitachi Power Systems, Ltd.
- Sano, Takashi, Mitsubishi Heavy Industries, Ltd.
- Sato, Kotaro, Kogakuin University
- Sugiyama, Kazuyasu, Osaka University
- Tamaki, Hideaki, IHI Corporation
- Tanaka, Teiichi, Kumamoto National College of Technology
- Tezuka, Kotaro, Toshiba Corporation
- Tsuda, Shinichi, Kyushu University
- Tsujita, Hoshio, Hosei University
- Uchiumi, Masaharu, JAXA
- Ueyama, Yoshiharu, Japan Oil, Gas and Metals National Corporation
- Watanabe, Satoshi, Kyushu University
- Yamamoto, Makoto, Tokyo University of Science
- Yokota, Kazuhiko, Aoyama Gakuin University
- Yonezawa, Kouichi, Osaka University

Excursion Program

We are planning a bus tour on 10th September 2015. The detail will be described on website in the near future.

