

## Call for Papers

The medium of communication of the Congress is English and the organizers invite previously unpublished papers written in English in any area of fluid mechanics including those listed above. Guidelines for the preparation of the papers will be sent to all pre-registrants. The papers prepared to the required format should be submitted online to the following address: <http://14acfm.ac.vn>.

Paper selection will be based on review by expert members.

## Schedule

<b>Deadline for abstract submission:</b>	Feb. 28, 2013
Notification of abstract acceptance:	March. 15, 2013
<b>Deadline for full paper submission:</b>	May 15, 2013
Pre-registration:	May 15, 2013
Notification of paper acceptance:	July 15, 2013
Camera-ready manuscript due:	August 15, 2013
Final date for advance registration and Hotel reservation:	August 15, 2013

## Proceedings of the Congress

All papers presented and on posters will be published in the form of a CD-ROM disc, including high-resolution animations. These will be made available at the Congress, together with Book of Abstract.

## Pre-Registration

The Pre-registration form is available at: <http://14acfm.ac.vn>.

## Registration Fee

*Participant:*

US\$ 450 Registered before/on May 15, 2013

US\$ 500 Registered after May 15, 2013

*Student:*

US\$ 250 Registered before/on May 15, 2013

US\$ 300 Registered after May 15, 2013

*Accompanying person* : US\$ 150

Fee covers the Congress materials, participation in technical session, refreshments and lunch during sessions and banquet.

Tour to Halong bay (Oct. 18) will be arranged during the Congress. The expenses for the trip will be covered by participants.

## Contact Address

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## Secretariat

**Chief** Dr. Nguyen Thi Viet Lien, IMech  
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**Members:** Assoc. Prof. Dao Nhu Mai, Ngo Thi Hong Hue, Pham Thi Bich Ngoc, Nguyen Tien Cuong, Ha Tien Vinh, Bui Huy Hoang, Ha Thi Quynh Anh

For further details please visit Congress website: <http://14acfm.ac.vn>.

First Announcement and Call for Papers

October 15-19, 2013  
Hanoi and Halong, Vietnam



## THE FOURTEENTH ASIAN CONGRESS OF FLUID MECHANICS

Web Site: <http://14acfm.ac.vn>

**Under the support of:**

Vietnam Academy of Science and Technology (VAST)  
Ministry of Science and Technology of Vietnam (MOST)  
Vietnam Association of Mechanics (VAM)

**Organized by**

Institute of Mechanics

**Co-organized by**

Vietnam Association of Fluid Mechanics

## Introduction

The First Asian Congress of Fluid Mechanics (ACFM) was organized in Bangalore, India, in 1980 with the intention of encouraging scientific and technical cooperation and exchange among Asian countries. 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.

The Congresses were originally held every three years. Since 1995, the regulation has been changed to every two years. However, since 2010, the Congresses have been held every three years, as the original regulation.

The 14<sup>th</sup> ACFM will be held in October 15-19, 2013 at Hanoi and Halong, Vietnam. It is the great pleasure of the local committee members to be appointed for this very challenging task. We would like to arrange the 14<sup>th</sup> ACFM in order to reach the same high professional standards as all previous Congresses.

The Congress language is English. It is expected that the Congress will attract many participants from Asian countries. The main goal of the Asian Congress of Fluid Mechanics (ACFM) is to review recent progress achieved in the field of Fluid Mechanics to facilitate the exchange of results and hold discussions on major fluid flow problems among scientists and engineers in this field. The Congress organizers would like to promote a broad cooperation and exchange of new ideas between specialists in order to consolidate recent advances in the fundamental knowledge of fluid mechanics and the industrial processes involved.

## Technical Scope

Scientists and engineers are cordially invited to attend this Congress and to submit technical papers for presentation or poster. The organizers welcome papers in any branch of fluid mechanics, including:

- Aeroacoustics and aerodynamics
- Astrophysical fluid mechanics
- Boundary layer flows
- Compressible flows and gas dynamics
- Computational fluid dynamics
- Environmental and natural fluid mechanics
- Fluid machinery and industrial fluid mechanics
- Flow control and measurement
- Flow induced noise and vibration
- Flow visualization
- Geophysical fluid mechanics
- 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
- and others

Plenary and special speakers will be invited to address the Congress.

## Mini-Symposium

New Energy Sources: Nuclear, Solar, Wind, Tidal and Wave.

Water Resources, Flooding and Coastal Management.

Typhoon, Tsunami, Weather Simulation and Forecast.

## Asian Fluid Mechanics Committee

**Chairman:** J. Li (China).

**Vice-Chairman:** S.G. Bhat (India), Y. Fukunishi (Japan)

**Honorary members:** H. Sato (Japan), R. Narasimha (India), M. Kiya (Japan).

**Members:** Andonowati (Indonesia), Y.T. Chew (Singapore), M.S. Chong (Australia), E. Cui (China), S. Fu (China), Duong Ngoc Hai (Vietnam), F. Hussain (USA), J.A. Khan (Pakistan), A.K.M. V.V. Kozlov (Russia), S.J. Lee (Korea), S. Majumdar (India), O. Mochizuki (Japan), C.S. Ow (Malaysia), P. Promvongse (Thailand), A.K.M. Sadrul Islam (Bangladesh), E. Shirani (Iran), R.M.C. So (China, Hong Kong), M. Sun (China), H.J. Sung (Korea), C.P. Tso (Malaysia), S.B. Weerakoon (Sri Lanka).

## 14<sup>th</sup> ACFM Programming Committee

**Chairman:** Prof. Duong Ngoc Hai (VAST).

**Members:** Prof. Ngo Huy Can (IMech), Prof. Nguyen Duc Cuong (VAAC), Prof. Nguyen Van Diep (IMech), Prof. Bui Van Ga (MOET), Dr. Nguyen Thuc Khang (VSP), Assoc. Prof. Hoang Van Huan (ICOE), Assoc. Prof. Dinh Van Manh (IMech), Assoc. Prof. Tran Van Nam (UD), Prof. Nguyen An Nien (SIWRR), Prof. Vu Duy Quang (HUST), Dr. Tran Chi Thanh (VINATOM), Assoc. Prof. Tran Thuc (IMHEN), Assoc. Prof. Bui Dinh Tri (IMech), Prof. Dinh Van Uu (HUS), Assoc. Prof. Nguyen Huu Viet (VAWR).

## Organizing Committee

**Chairman:** Assoc. Prof. Bui Dinh Tri (IMech).

**Vice Chairman:** Assoc. Prof. Ha Ngoc Hien (IET).

**Members:** Assoc. Prof. Nguyen Phi Khu (VNU-HCM), Assoc. Prof. Ho Viet Hung (WRU), Assoc. Prof. Hoang Duc Lien (HUA), Dr. Nguyen Thi Viet Lien (IMech), Assoc. Prof. Nguyen Van Que (MTA), Assoc. Prof. Nguyen Van Tuan (TNUT), Assoc. Prof. Nguyen Minh Tuan (VMAST), Assoc. Prof. Tran Van Tran (VNU-HN), Dr. Phan Ngoc Trung (VPI), Assoc. Prof. Luong Quang Xo (SIWRP).