

## CONFERENCE THEME

The Conference covers a broad range of themes related to fluid mechanics:

Aeroacoustics and aerodynamics  
Astrophysical fluid mechanics  
Boundary layer flows  
Compressible flows and gas dynamics  
Computational fluid dynamics  
Combustion  
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  
Other topics related to fluid mechanics

All accepted and presented papers will be published in **SCOPUS**-indexed journal or proceeding as well as other major databases.

## IMPORTANT DATES

Deadline of full paper submission  
**15th February 2016**

Notification of full Paper Acceptance  
**15th April 2016**

Early bird registration  
**15th August 2016**

## REGISTRATION FEE

### International Participants

	Early Bird	Normal
<b>Members</b>	USD 500.00	USD 550.00
<b>Students (F)</b>	-	USD 350.00
<b>Spouses</b>	-	USD 300.00

### Local Participants

	Early Bird	Normal
<b>Members</b>	RM1,400.00	RM1,600.00
<b>Non Members</b>	RM1,600.00	RM1,800.00
<b>Students (L)</b>	-	RM1,200.00
<b>Spouses</b>	-	RM800.00

## CONTACT US

### ACFM2016 Secretariat

c/o Institute of Engineers, Malaysia,  
Lot 60/62, Jalan 52/4, PO Box 223  
(Jalan Sultan, PJ)  
46720 Petaling Jaya  
Selangor Darul Ehsan, Malaysia

Phone: + (603) 7968 4001/4002  
Fax: + (603) 7957 7678

### E-mail:

[15acfm2016@iem.org.my](mailto:15acfm2016@iem.org.my)

### Website:

<http://fet.mmu.edu.my/~acfm/>

15<sup>th</sup>

# ASIAN CONGRESS OF FLUID MECHANICS



21-23 NOVEMBER 2016  
Pullman Hotel, Kuching, Sarawak,  
Malaysia

organized by:



## CALL FOR PAPERS

The Organizing Committee of the 15th ACFM cordially invites you to submit full paper(s) of not more than six A4 size page, which clearly indicates the objective, methodology, results and conclusion for the work. Authors must prepare their papers using Microsoft Word or LaTeX, according to the guidelines and templates and then convert these files to PDF. It is important to ensure that when you submit your paper, it is in its final form ready for publication, and has been thoroughly proofread.

The template of the paper could be downloaded from the conference website  
<http://fet.mmu.edu.my/~acfm/>

When preparing your paper please check that:

- Paper size is European A4.
- Margins are at least 25 mm all round.
- The paper includes the author name and affiliation (full address including country).
- There are no page numbers, or headers and footers, within the paper.
- The PDF is free of formatting errors (e.g. corrupt equations, missing or low-resolution figures), since conversion from Word to PDF can introduce formatting errors.
- Text is single spaced, not double spaced.
- The PDF file is editable and not password protected.



## ASIAN FLUID MECHANICS COMMITTEE

**Chairman:** G. S. Bhat (India)

**Executive Committee:** Song Fu (China), Duong Ngoc Hai (Vietnam), Osamu Mochizuki (Japan), C.S. Ow (Malaysia)

**Honorary members:** R. Narasimha (India), M. Kiya (Japan), Jiachun Li (China)

**Members:** Y.T. Chew (Singapore), Fazle Hussain (USA), Hitoshi Ishikawa (Japan), A.K.M. Sadrul Islam (Bangladesh), J. Ahmad Khan (Pakistan), Victor V. Kozlov (Russia), Sang-Joon Lee (Korea), Qing-Quan Liu (China), Sekhar Majumdar (India), Sanjay Mittal (India), Sri Redjeki Pudjaprasetya (Indonesia), Ebrahim Shirani (Iran), Chang Shu (Singapore), Wei Shyy (HK-China), C. P. Tso (Malaysia), S. B. Weerakoon (Sri Lanka), Jin-Jun Wang (China)

## 15<sup>th</sup> ACFM ORGANIZING COMMITTEE

**Chairman:** Kannan M. Munisamy

**Members:** Noor Hisham Yahaya (IEM), Gopal Narian Kutty (IEM), Cheong Thiam Fook (IEM), Fam Yew Hin (IEM), Mohd. Zamri Yusoff (UNITEN), Hasril Hasini (UNITEN), Abreeza Noorliana Abd. Manap (UNITEN), Savithry K. Thangaraju (UNITEN), Tso Chih Ping (MMU), Yap Tze Chuen (Herriot-Watt), Zulfikli Abdullah (USM), Shahrir Abdullah (UKM), Zambri Harun (UKM), Srihar Rajoo (UTM), Nik Nazri Nik Ghazali (UM), Ahmad Kamal Ariffin (UPM), Rizal Zahari (UM), Lim Chin Seong, Siti Sarah Ain Fadhil (UNITEN)



## INTRODUCTION

The 15th ASEAN Congress of Fluid Mechanics will be held in Kuching, Sarawak on 21st – 23th November 2016 and followed by a technical visit on 24th November 2016.

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 Congress language is English. The objective of the Asian Congress of Fluid Mechanics (ACFM) is to review recent advancement achieved in the field of Fluid Mechanics to facilitate the exchange of results and hold discussions on major fluid mechanics problems among fluid mechanics researchers and engineers.

