

# FLUCOME 2011

## 11th International Conference on Fluid Control, Measurements, and Visualization

KEELUNG • TAIWAN December 5-9, 2011

<http://flucome2011.ntou.edu.tw/>

### *First Announcement*

The organizing committee of FLUCOME 2011 is pleased to announce that the Eleventh International Conference on Fluid Control, Measurements, and Visualization (FLUCOME 2011) will be held at National Taiwan Ocean University, Keelung, Taiwan. Since the first FLUCOME conference held in Japan in 1985, the subsequent events have successfully taken places in Europe, North American, and Asia. Now FLUCOME has become a series of well-established international conferences. The FLUCOME 2011 will provide a forum for researchers and engineers to exchange the latest development and applications of flow control, measurements and visualization in various fields from large to nano scales in order to enhance better understanding and development of sciences and technologies in fluids. Relevant scientists, researchers and engineers are welcome to take advantage of this opportunity to submit and present their research work and interact with other experts in the field.

### Topics

#### Theme A: Fluid Control

- A01 Aerodynamics
- A02 Jet flows
- A03 MEMS control
- A04 Flow in micro devices
- A05 Hydraulic structures
- A06 Costal and offshore structures
- A07 Optimization in flow control
- A08 Environmental pollution control
- A09 Wind engineering
- A10 Combustion

#### Theme B: Fluid Measurement

- B01 Multiphase flows
- B02 PIV and imaging
- B03 Turbulent flows
- B04 Environmental flows
- B05 Heat and mass transfer
- B06 Compressible flows
- B07 Remote sensing
- B08 Acoustic and electromagnetic flows
- B09 Renewable energy and testing

#### Theme C: Visualization and CFD

- C01 Two phase flows
- C02 Wave and storm surges
- C03 Environmental fluid flows
- C04 Biological flows
- C05 Combustion
- C06 Flow characterizations
- C07 Geophysical flows
- C08 Meteorological flows
- C09 Estuarine and costal waters
- C10 Visualization of scientific arts
- C11 Fluid/structure interactions
- C12 Granular flows

### Important Dates

- \* April 1, 2011 – Submission of abstracts
- \* May 15, 2011 – Notification of abstract acceptance
- \* July 1, 2011 – Submission of full paper
- \* August 1, 2011 – Notification of full paper acceptance
- \* September 1, 2011 – Early registration
- \* December 5, 2011 – Conference

### Venue

#### **National Taiwan Ocean University, Keelung**

Boasting its freshest sea food in Taiwan, Keelung is a mid-size harbor city full of ocean flavor. Just 20 minutes away, the National Northeast Scenic Coast invites you into a world of emerald seas and mountains and blue skies, a winding coastline of capes and bays, and fine sandy beaches. Keelung is also a place with rich local ocean culture. You may spend a day visiting the National Palace Museum and linger for another day along old streets and Gold Ecological Park of Jioufeng, a small mountain village and Taiwan's gold mining center in the past, for a deep traditional touch of Taiwan.



## Abstract/Full Paper Submission

The official language of the conference is English. All abstracts, full papers, and oral presentations in each session should be delivered in English.

Authors are invited to submit abstracts, following the instructions documented in the abstract template which is available on the conference website. The abstract should not exceed 500 words in length.

## Registration Fees (per person)

	By September 5	After September 5
Regular participants*	US \$600	US \$700
Student*	US \$350	US \$400
Accompanying person**	US \$300	US \$350

\* Fee is inclusive of entrance of all sessions, electronic proceedings, reception, reception dinner, banquet, lunches, tea-breaks, and technical tour by high speed rail.

\*\* Fee is inclusive of reception, reception dinner, banquet, lunches, tea-breaks, and technical tour by high speed rail.

## International Honorary Committee

Nakayama, Y. (Japan)	Hebrard, P. (France)	Carlomagno, G.M. (Italy)	Boucher, R.F. (UK)
Tsuchiya, K. (Japan)	Wei, Q.D. (China)	Woods, R.L. (USA)	Laneville, A. (Canada)
Chen, C.J. (USA)	Leonov, S. (Russia)		

## International Steering Committee

Aoki, K. (Japan)	Balu, G. (India)	Belforte, G. (Italy)	Blaisot, J.-B. (France)
Carlomagno, G.M. (Italy)	Chen, C.J. (USA)	Chen, H.C. (USA)	Delgado, A. (Germany)
Doh, D.-H. (Korea)	Elangovan, S. (India)	Fujisawa, N. (Japan)	Giancarlo, C.H. (Italy)
Ginting, M. (Indonesia)	Honda, S. (Japan)	Hsu, C. T. (Hong Kong)	Huang, W.R. (USA)
Jaw, S.-Y. (Taiwan)	Kagawa, T. (Japan)	Kahler, C. J. (Germany)	Kawahashi, M. (Japan)
Yokota, S. (Japan)	Kobayashi, T. (Japan)	Kompenhans, J. (Germany)	Laneville, A. (Canada)
Lee, S.-J. (Korea)	Lemay, J. (Canada)	Leonov, S. (Russia)	Lingson, L.Q. (Philippines)
Nakayama, Y. (Japan)	Oyama, O. (Japan)	Ohshima, M. (Japan)	Ohta, Y. (Japan)
Pimeau, G. (France)	Priestman, G. (UK)	Rathakrishnan, E. (India)	Kawahashi, M. (Japan)
Romano, G.P. (Italy)	Sawada, T. (Japan)	Soenarko, B. (Indonesia)	Soria, J. (Australia)
Soviero, P.O.J. (Brazil)	Stasiek, J. (Poland)	Stern, F. (USA)	Strzelecki, A. (France)
Sung, H.J. (Korea)	Suwantragul, B. (Thailand)		Tesar, V. (Czech Republic)
Takei, M. (Japan)	Tsai, W.-F. (Taiwan)	Uemura, T. (Japan)	Wang, J.-J. (China)
Wang, K.-H. (USA)	Wang, X.-L. (China)	Watton, J. (UK)	Wei, Q.-D. (China)
Zhou, H. (Hong Kong)			

## Organizers

- ✦ National Taiwan Ocean University
- ✦ National Science Council

## Co-organizers

- ✦ CSBC
- ✦ USDDC
- ✦ Taiwan SNAME

## Conference Chair

Professor Jiahn-Horng Chen, Dean, College of Engineering, National Taiwan Ocean University, Taiwan.

For all inquiries, please e-mail: [flucome2011@gmail.com](mailto:flucome2011@gmail.com).

