

# The 10th International Symposium on Measurement Techniques for Multiphase Flow - 2017

## ISMTMF'17

December 3-7, 2017  
Hong Kong SAR, China

### 2<sup>ND</sup> ANNOUNCEMENT AND CALL FOR PAPERS

#### ORGANIZED BY:

Department of Mechanical and Aerospace  
Engineering and

HKUST Energy Institute

Hong Kong University of Science & Technology

The Chinese Society for Measurement techniques  
on Multiphase Flow

The Japanese Society for Multiphase Flow



#### Conference Website:

<http://ismtmf2017.ust.hk>

### BACKGROUND

After enthusiastic responses to the past nine ISMTMFs held in Nanjing (1995), Beijing (1998), Fukui (2001), Hangzhou (2004), Macau (2006), Okinawa (2008), Tianjin (2011), Guangzhou (2013) and Sapporo (2015), the 10th International Symposium on Measurement Techniques for Multiphase Flows (ISMTMF) will be held in Hong Kong from December 3 to 7, 2017. The focus of this symposium will be on the latest progress in the development of measurement techniques for multiphase flows and exchanging new information among scientists and engineers working in universities, industries and other fields.

This symposium aims to provide an international forum for presentation, exchange of ideas and creation of knowledge in recent advances on various aspects of theories, analyses, and applications of measurement techniques in complex multiphase/multicomponent flows. The focus of this symposium is to report the latest progress in developing measurement techniques for multiphase flows and exchanging new information among scientists and engineers working in universities, industries and other fields. It will bring together researchers and practitioners from academia, research institutions and industry to exchange experiences, disseminate up-to-date information, and explore new opportunities in the field; in particular, it will expose young or new researchers to the state of the art in the field by means of the symposiums. It is anticipated that the 10th International Symposium on Measurement Techniques for Multiphase Flows-2017 (ISMTMF 2017) will provide an opportunity for stimulation of the researchers as well as for furthering cooperation among the investigators in the field of advanced Multiphase Flow Measurement Techniques.

### CALL FOR PAPERS

ISMTMF'17 will focus on the following topics (include but not limited to):

- Fundamentals of multiphase flow measurement techniques and experimental methods
- Novel sensors and measurement methods of multiphase systems
- Information technology for multiphase flow
- Process tomography and flow visualization
- Intelligent instruments and monitoring systems

- Optical, non-intrusive and other advanced measurement techniques
- Micro/nanoscale multiphase flow measurement techniques
- Bio multiphase flow measurement techniques

Selected papers from ISMTMF'17 will be further reviewed and published in special issues of *Measurement Science and Technology*, *International Journal of Multiphase Flow* and *Case Studies in Thermal Engineering*.

### ABSTRACT SUBMISSION

Papers will be selected based on one page abstracts (A4, single space, Times New Roman letters of 10 font size) including results and figures. Papers submitted should include the title of the paper, authors' names and affiliations, a concise statement of the problem, method of approach, results and discussion, and conclusions. Please identify the corresponding author. Electronic submissions are strongly encouraged. Template is available from the symposium website (<http://ismtmf2017.ust.hk>) which will be available in March 2017. Please submit your abstract in a Word or PDF format to the ISMTMF'17 Secretariat via ISMTMF'17 website (online submission) or e-mail. The file size is limited to 5MB.

### REGISTRATION FEES

Early Registration	(by September 20, 2017)	<b>US\$550</b>
Standard Registration	(after September 20, 2017)	<b>US\$600</b>
Student Registration	(by September 20, 2017)	<b>US\$300</b>
Student Registration	(after September 20, 2017)	<b>US\$350</b>
Spouse Registration		<b>US\$100</b>

### IMPORTANT DATES (NEW)

#### Abstract:

Deadline of abstracts:	July 15, 2017
Notification of acceptance:	July 20, 2017
Full paper submission (Optional)	August 20, 2017
Full paper acceptance:	August 31, 2017
Final paper submission:	September 15, 2017

## ORGANIZING COMMITTEE

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Wei Shyy

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### Conference Secretariat

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### Conference Venue

Hong Kong University of Science & Technology  
Clear Water Bay, Kowloon, Hong Kong

### International Scientific Committee

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## HONG KONG

Hong Kong is simply dazzling. Experience the distinctive blend of East and West in this dynamic city. Feel the rush as you indulge in shopping. Savour culinary delicacies. Open your senses to Hong Kong's amazing skyline, bustling harbour and peaceful countryside.



Take a tour and enjoy diversity and excitement at every turn in Hong Kong. Whether by cruise, by day or by night, every tour will captivate you and dispel the belief that Hong Kong is all skyscrapers and shopping malls. Or put on your walking shoes and explore the streets of Hong Kong with our handy Hong Kong Walks section. Interested in the heritage and culture of Hong Kong? We have great informative tours for you. If you want to get off the beaten track, try a tour to the Outlying Islands or a hiking tour, including one to the trail that Time Magazine calls the best urban hike in Asia. Come discover the diversity and sophistication that is Hong Kong. You'll love it!

## ACCOMMODATION INFORMATION

### Conference Hotels:

- Crowne Plaza Hong Kong Kowloon East
- Holiday Inn Express Hong Kong Kowloon East

The symposium will also reserve some rooms in the Conference Lodge at HKUST campus where is near the Institute of Advanced Studies (IAS) at HKUST.