

## Zhenjiang, a city full of history & culture



**Zhenjiang** owning a 3500-year history is one of Chinese famous historical & cultural cities and excellent tourist cities. "City in the mountains, mountains in the city" is a significant feature of this landscape garden city, which is known as the "urban forest" and "the best landscape under heaven" and occupies the great reputation as a particularly livable and charming travel city.

### Post Symposium Tours

- 1. Nanjing tour (3 days):** Discovery of China Ancient Capitals. Nanjing is known as the capital city of 6 dynasties in ancient China and the Interim Government of Republic of China, founded by Dr. Sun Yat-sen, Nanjing enjoys an unsurpassable status in China. Most of Nanjing's attractions are reminders of the city's past glory, including Zhanyuan Garden, Yuejiang Tower, Xiaoling Mausoleum, Nanjing Confucius Temple...
- 2. Suzhou tour (3 days):** Suzhou is a bustling resort with many historical heritage sites as well as impressive natural beauty. She is located on the lower reaches of the Yangtze River and on the shores of Lake Taihu. The city is renowned for its beautiful stone bridges, pagodas, and meticulously designed gardens, which has become a great tourist attraction.
- 3. Guilin(5 days):** The topography of Guilin is marked by karst peaks with Li River running through the city; it is the historical and cultural center of Guangxi Zhuang Autonomous Region with unique natural landscape. There are many domestic airlines serving Guilin from other parts of China like Beijing, Xi'an, Shanghai and so on, with direct flights to and from Hong Kong, Japan, Korea, Macau and Thailand. While travelling by train is certainly another great & cheap way to Kunming, Chengdu, Guangzhou and other popular destinations.

### Purpose

Cavitation and multiphase flow is one of paramount topics of fluid mechanics with many applications in engineering covering a broad range of topics, e.g., hydraulic machinery, biomedical engineering, chemical and process industry. In order to improve the performances of engineering facilities (e.g. hydraulic turbines) and to accelerate the development of techniques for medical treatment of serious diseases (e.g. tumours), it is essential to improve our understanding of multiphase and cavitation flows. For example, the present development towards the erosion control, and higher efficiency and stability of the hydrodynamic systems (e.g. space engine, propeller, hydraulic machinery system) often requires that the systems run in cavitating conditions, and that the risk of cavitation erosion needs to be controlled.

The purpose of the ISCM 2016 is to discuss the state-of-the-art cavitation and multiphase flow research and their up-to-date applications, and to foster discussion and exchange of knowledge, and to provide an opportunity for the researchers, engineers and graduate students to report their latest outputs in these fields. Furthermore, the participants are also encouraged to present their work in progress with short lead time and discuss the encountered problems.

### Scope

ISCM 2016 covers all aspects of cavitation and multiphase flows, e.g., both fundamental and applied research with a focus on physical insights, numerical modelling and applications in engineering. Some specific topics are (but not limited to):

Cavitating and multiphase flows in hydroturbines, pumps, propellers, etc.

Numerical simulation techniques, e.g., LES, PANS

Cavitation and multiphase flow erosion and anti-erosion techniques

Measurement techniques for cavitation and multiphase flow detection

Fluid-structure interaction induced by cavitation and multiphase flow

Multi-scale modelling of cavitating flows and multiphase flows

Cavitation nuclei: theory and experiments

Supercavitation and its applications

Synergetic effects of cavitation and silt-laden erosion

Shock waves and microjets generated by cavitation

Nonlinear oscillations of gas and vapour bubbles

Fundamentals of physics of acoustic cavitation

Sonochemistry and sonoluminescence

Biomedical applications of cavitation effects

Ultrasonic cavitation for molten metal treatment

Cavitation and multiphase flow for enhanced heat transfer

## 2<sup>nd</sup> International Symposium of Cavitation and Multiphase Flow (ISCM 2016)



**Jiangsu University, Zhenjiang, China**  
**October 22<sup>nd</sup> – 25<sup>th</sup>, 2016**  
 No.301 Xuefu Rd., 212013, Zhenjiang, China



### Call for Papers

Papers dealing with any topics within symposium scope are all invited to be submitted online with an abstract up to 500 words. The related deadlines of the conference are:

Abstract Submission Deadline:	May 15, 2016
Abstract Acceptance Notification:	May 25, 2016
Paper Manuscript Submission:	June 30, 2016
Paper Acceptance Notification:	July 18, 2016
Final Paper Submission:	Sep. 18, 2016
Paper Presentation:	Oct. 22-25, 2016

For paper template:

<http://www.iscm2016.org/papers/papertemplate.aspx>

[www.iscm2016.org](http://www.iscm2016.org)

For more information, contact [iscm@ujs.edu.cn](mailto:iscm@ujs.edu.cn)

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## Conference Schedule

22nd October (Saturday), 2016  
Registration, Meeting of executive committees  
23rd October (Sunday), 2016  
Opening ceremony, Invited lectures, Reception  
24th October (Monday), 2016  
Invited lectures, Technical sessions, Banquet  
25th October (Tuesday), 2016  
Technical sessions, Closing ceremony

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## Registration Fee

Registration Type:	EARLY BIRD	REGULAR	LATE
	Before August 19, 2016	August 20 to October 21 2016	October 22 to October 25, 2016
Participant	550 USD (3000RMB)	600 USD (3300RMB)	650 USD (3500RMB)
Student	250 USD	300 USD	330 USD
Participant	(1500RMB)	(1800RMB)	(2000RMB)
Accompanying person	250 USD (1500RMB)	300 USD (1800RMB)	350 USD (2000RMB)

\* Additional paper fee is 150 USD (1000RMB) per paper.  
Registration will not be completed until the full payment is received. The deadline for EARLY BIRD registration and full payment is August 19, 2016 and the deadline for REGULAR registration and full payment is October 21, 2016.



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