

First Announcement and Call for Papers

THE FIFTH INTERNATIONAL CONFERENCE
ON FLUID MECHANICS
ICFM-V



Shanghai **August 15-19, 2007**

Organized by

- Chinese Society of Theoretical and Applied Mechanics (CSTAM)
- Shanghai Jiao Tong University (SJTU)

Cosponsored by

- Gesellschaft fuer Angewandte Mathematik und Mechanik (GAMM)
- Bioengineering Division (BED/ASME)
- Fluid Engineering Division (FED/ASME)
- Engineering Mechanics Division (EMD/ASCE)
- Japan Society for Fluid Mechanics (JSFM)
- Institute of Mechanics, Chinese Academy of Sciences
- Hong Kong Society of Theoretical and Applied Mechanics (HKSTAM)
- Hong Kong Institute of Sciences
- Shanghai Society of Theoretical and Applied Mechanics (SHSTAM)

Homepage: <http://icfm5.sjtu.edu.cn/>

Aim and Scope of the Conference

The Fifth International Conference on Fluid Mechanics (ICFM-V) is the premier forum for the presentation of technological advances and research results in the fields of theoretical, experimental, and computational Fluid Mechanics. Following the previous successful conferences in Beijing (1987, 1993, 1998) and Dalian (2004) organized by the Chinese Society of Theoretical and Applied Mechanics, the Scientific Committee for ICFM is now presenting ICFM-V to provide a forum for researchers to exchange original ideas and recent advances in their respective research on Fluid Mechanics or relevant interdisciplinary subjects. The conference is also intended to promote interactive discussion and dialogue among scientists and engineers on commonly interested problems in the field. Topics of interest for submission include, but are not limited to:

- Flow instability and Turbulence
- Aerodynamics and Gas Dynamics
- Hydrodynamics
- Industrial and Environmental Fluid Mechanics
- Biofluid Mechanics
- Geophysical Fluid Mechanics
- Plasma and Magneto-Hydrodynamics
- Multiphase Flows, Non-Newtonian Flows and Flows in Porous Media
- Flow of Reacting Fluid
- Microscale Flows and others

Famous leading scientists in the world fluid mechanics community are invited to deliver lectures on the frontier topics in concerned fields and branches on the occasion.

Scientific Committee

Chairman: Prof. F.G. Zhuang (China)

Members:

M.L. Banner	Australia	H. Buggisch	Germany
S.Y. Chen	USA	A.T. Chwang	Hong Kong
E.J. Cui	China	P.E. Demotakis	USA
Y.C. Fung	USA	R.H.J. Grimshaw	UK
S.P. Guo	China	Y.S. He	China
T. Kambe	Japan	Y. Kaneda	Japan
V. Kozlov	Russian	J.C. Li	China
P.L-F Liu	USA	H. Sato	Japan
J.L. Su	China	C.K. Wu	China
T.Y. Wu	USA	H.R. Yu	China
H.X. Zhang	China	Z.M. Zheng	China
H. Zhou	China	Q.C. Zeng	China
J. Zierep	Germany		

Academic Committee

Co-chairmen: Prof. J.C. Li (China), Prof. Y.N. Huang (China)

Members:

J. Fan Z.L. Fan S. Fu Q.G. Meng G.P. Miao Q. Li J.Z. Lin
H. Liu C.J. Lu J.S. Luo W.W. Shan Q. Shen M. Sun J.J. Wang
K.Q. Zhu

Organizing Committee

Chairman: Prof. Y.S. He (China)

Co-chairmen: Prof. A.T. Chwang (Hong Kong), Prof. Q.Y. Ye (China)

Secretary General: Prof. H. Liu (China)

Members:

Y.J. Cai S.Q. Dai G.H. Ding Z.H. Du Y.J. Ge W.Q. Lin C.J. Lu
J. Lu Y.J. Lu G.P. Miao P.F. Weng Z.X. Xu K. Yan D.X. Zhu

Language

The official language of the Conference is English. All papers should be written and presented in English.

Submission of Abstracts

Extended previously unpublished abstracts of around 1000 words in the above-related areas are welcome to submit to icfm5@sjtu.edu.cn by email or the secretary:

Prof. Hua Liu, Secretary General of ICFM-V
Department of Engineering Mechanics
School of Naval Architecture, Ocean and Civil Engineering
Shanghai Jiao Tong University
1954 Hua Shan Road
Shanghai 200030
CHINA
Phone/Fax: 86-21-62933021
E-mail: hliu@sjtu.edu.cn

Acceptance of Papers

The acceptance of presentations is based on review of the submitted extended abstracts. The notification of acceptance along with instructions for the preparation of papers and the template of manuscript will be forwarded to the prospective authors by January 15, 2007. The typed manuscripts in accord with the recommended format are required to mail to secretariats by May 15, 2007.

Important Deadlines

First circular		July. 20, 2006
Submission of abstract	December 31, 2006	Extended to January 31, 2007
Notification of acceptance	January 20, 2007	Extended to February 15, 2007
Submission of final manuscript		May 15, 2007
Second circular		May 31, 2007
Pre-registration		June 30, 2007

Sightseeing Tours

One day tour in Shanghai and optional post-conference tours are arranged by the travel agency. The detail information will be announced in the Second Circular.

Registration

The registration fee for participants and accompanying persons:

	Before June 30, 2007	After June 30, 2007
General participants	450USD	500 USD
Accompanying Person	150USD	200USD
Students	220USD	270USD

The full registration fee covers welcome function, morning & afternoon teas, banquet, and the technical visiting. It also includes the full set of conference proceedings. The student fee does not include a banquet ticket and the conference proceedings.

PRE-REGISTRATION FORM

The Fifth International Conference on Fluid Mechanics

Shanghai, China August 15-19, 2007

Name: Prof./Dr/Mr/Ms: _____

Organization: _____

Mailing Address: _____

Country: _____ Postal Code: _____

Tel: _____ Fax: _____

E-mail: _____

I would like to attend the conference

Yes No

I intend to present a paper

Yes No

If yes, provisional title: _____

I intend to attend the post-conference optional travel

- PT-1: Shanghai-Xian-Shanghai (5 nights/6 days)
- PT-2: Shanghai-Hangzhou-Suzhou-Nanjing-Shanghai (5 nights/6 days)
- PT-3: Shanghai-Huang Shan-Shanghai (4 nights/ 5 days)

Note: The pre-registration form can be downloaded from the <http://icfm5.sjtu.edu.cn>. The completed form shall be submitted to icfm5@sjtu.edu.cn by e-mail or the secretary.

Venue

The conference site, located in Xujiahui, the downtown of Shanghai, is surrounded by a comfortable environment. As the biggest city of China, Shanghai has played a very important role in the modern China history. Shanghai today is the core of industry and commerce of China. Shanghai is also within easy access of Hangzhou, the most famous scenic city in China, and Taihu, a large lake with many scenic spots.



Climate

Shanghai has a sub-tropical climate--mild and humid with four distinct seasons. It has a mean annual temperature of 15° C -- the hottest month, August, averaging 28° C and the coldest month, January, 3° C -- and a mean annual precipitation of 1,100 mm.

Sightseeing Spots

The Bund



The Bund is the most famous sightseeing spot in Shanghai. The Waibaidu Bridge, the long embankment along the Huangpu River, and the imposing array of tall buildings are known as "an international exhibition" together from a symbol of the East. The Bund has always been closely linked with the development of Shanghai.

Yu Garden



Yu Garden, a classical garden in downtown Shanghai, boasts a history over 400 years. Each pavilion, hall, stone and stream in the garden is expressing the quintessence of South China landscape design from Ming and Qing Dynasty. Over forty spots, divided by dragon walls, wound corridors and beautiful flowers, form a unique picture featuring "one step, one beauty; every step, every beauty."

Nanjing Road



Nanjing Road is Shanghai's main shopping street, famously named one of the World's Seven Great Roads in the 1930s. The road stretches from The Bund east towards Hongqiao, with Shanghai's center point People's Square in the middle.

Airport and Railway Station



Pudong international airport (PVG) is Shanghai's new international airport, located 40 km to the east of the city. Express bus service is available from the Shanghai Pudong international airport to Xujiahui. More a tourist attraction and prestige project than practical means of transport, the Transrapid maglev train is now open to the public and shuttles from Pudong to Longyang in 8 minutes flat at a blazing speed of 430 km/hour — but it's another half an hour by subway to Xujiahui.

Hongqiao Airport, Shanghai's older airport Hongqiao (SHA) now services only domestic flights. A taxi can manage the trip in 20 minutes on a good day.

Subway can be used from Shanghai Railway Station to Xujiahui.

Accommodation Facilities

Good quality hotels in Shanghai are numerous with many situated in the most thriving areas. Within walking distance to the venue of the conference, there are several 5-stars and 4-stars hotels.

The accommodation information and further information on ICFM-V will be available on the conference web page shown below.

<http://icfm5.sjtu.edu.cn/>