

Second Announcement

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)
- K.C. Wong Education Foundation
- National Natural Science Foundation of China
- 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/>

Welcome to ICFM-V

We greatly appreciate the excellent response and help we have received from colleagues around the world in the successful organization of the Fifth International Conference on Fluid Mechanics (ICFM-V), Shanghai , China, September 15-19,2007. The Conference features 47 sessions of refereed papers and 7 plenary lectures from more than 24 countries.

The purposes of the ICFM-V are to provide an international forum for the presentation of technological advances and research results in the fields of theoretical, experimental, and computational Fluid Mechanics by developing focused session topics with high quality (in originality and significance) papers accepted through rigorous review, establishing high international standards for publication and worldwide distribution and promoting interdisciplinary interaction between academia and industry.

Session topics of the conference include:

- 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

Plenary Lectures

Invited Speaker	Title
Timothy J. Pedley	Biomechanics of aquatic micro-organisms
Philip L.-F. Liu	Recent progress on understanding and modeling sediment transport in coastal environment
Victor Kozlov	Flow control and hydrodynamic instability
Michael L. Banner	Recent progress on understanding and modelling ocean wave breaking
Yasuo Kawaguchi	Turbulent drag reduction with surfacant additives - Basic research and application to an air conditioning system
P. E. Dimotakis	An investigation of scalar dispersion in grid turbulence
Zongli Jiang	Research progress on high-enthalpy and hypersonic flows
Chuanjing Lu	Experimental and numerical studies on cavitating flows

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. Dimotakis	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. Zierrep	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

For general information, registration and hotel reservation, please contact the Secretariats of ICFM-V at icfm5@sjtu.edu.cn or +86-21-62933021 (phone/fax).

Language

The official language of the Conference is English.

Important Deadlines

Submission of Hotel Reservation Form	June 30, 2007
Submission of Registration Form	June 30, 2007
Final Announcement and Technical Program	July 10, 2007

Conference Avenue

Pine City Hotel
No. 8 Dong-An Road, Xujiahui, Shanghai 200032, China.

Preliminary Technical Program

TUESDAY August 14

15:00-18:00

CONFERENCE REGISTRATION

17:00-19:00

CONFERENCE RECEPTION

WEDNESDAY August 15

07:30 On-Site Registration

8:30 **CONFERENCE OPENING CEREMONEY**

9:00-12:00

PLENARY I

PLENARY II

PLENARY III

13:00-17:00

PLENARY IV

PLENARY V

PARALL SESSION

18:00

CULTURAL PROGRAM

THURSDAY August 16

8:30-12:00
PARALL SESSION

13:30-17:00
PARALL SESSION

FRIDAY August 17

8:30-12:00
PARALL SESSION

13:30-17:00
PARALL SESSION

18:00
CONFERENCE BANQUET

SATURDAY August 18

8:30-12:00
PLENARY VI
PLENARY VII
PLENARY VIII

CLOSING CEREMONEY

13:30
TECHNICAL VISIT TO SHANGHAI DEEP WATER HARBOUR

17:00
VISIT SHANGHAI JIAO TONG UNIVERSITY

SUNDAY August 19

9:00
CITY TOUR IN SHANGHAI

Paper Number (if author or co-author) :

ADVANCE REGISTRATION FORM
 The Fifth International Conference on Fluid Mechanics
 Shanghai, China August 15-19, 2007

NAME _____ Male Female
 Surname(Family) Forename(First) Middle I. (Circle)
 MAILING ADDRESS (full address including company name)
 Organization _____ Dept. _____
 Street _____ City _____
 Country: _____ Postal Code _____
 Office Phone _____ Fax _____ E-mail _____

REGISTRATION FEES

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 registration fee covers welcome function, morning & afternoon teas, banquet, and the technical visiting. The registration fee for general participants and students includes the full set of conference proceedings and CD-ROM.

CANCELLATIONS

Request in writing for cancellation of registration received by July 15 only will be granted a refund minus US\$50 handling fee.

METHODS OF PAYMENT

Transfer the registration fee to the following account:

NAME	SHANGHAI JIAOTONG UNIVERSITY
A/C	044227-8500-00793828093001
BANK	BANK OF CHINA SHANGHAI GRAND GATEWAY SUB-BRANCH
BANK ADD	NO.1 HONG QIAO ROAD, SHANGHAI, CHINA
SWIFT CODE	BKCHCNBJ300
TEL	+86 21 64484469
POST CODE	200030
FAX	+86 21 54510053

Note: Please write clearly "ICFM-V-2007 Registration Fee" and your name. The 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 Faxed to +86-21-62933021.

HOTEL RESERVATION FORM (must use this form)

Pine City Hotel (4-star), August 14-19, 2007

Pine City Hotel (4-star) is the official venue for the Conference. In order to make your reservation at ICFM-V room rate, please email this form to icfm5@sjtu.edu.cn or fax it to +86-21-62933021 no later than June 30, 2007. Reservation after June 30 is subject to room availability.

Group Reservation (ICFN-V)

Pine City Hotel

No. 8 Dong-an Road

Xujiahui, Shanghai, China

NAME _____ Male Female

Surname(Family) Forename(First) Middle I. (Circle)

MAILING ADDRESS (full address including company name)

Organization _____ Dept. _____

Street _____ City _____

Country: _____ Postal Code _____

Office Phone _____ Fax _____ E-mail _____

Arrival: _____ Time _____; Depart.: _____ Time _____

Room Choice	Room Rate	No of Rooms
Classic Double	RMB530	
Classic Twin	RMB530	

Note: RMB530 is around US\$70.

The conference venue, Pine City Hotel, located in Xujiahui, the downtown of Shanghai, is surrounded by a comfortable environment.

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.