

ANNOUNCEMENT and CALL FOR PAPERS
5th International Symposium on Multiphase Flow, Heat
Mass Transfer and Energy Conversion (ISMF'05)
July 3-6, 2005, Xi'an, China

Organized by

State Key Laboratory of Multiphase Flow in Power Engineering, Xi'an Jiaotong University, China

Sponsored by

National Natural Science Foundation of China
Ministry of Education of China
Chinese Society of Engineering Thermophysics

International Association for Hydrogen Energy
International Center for Heat and Mass Transfer
Japanese Society of Mechanical Engineers

Conference Chairman:

Prof. X. J. Chen, China

<http://www.ismf05.xjtu.edu.cn>

Co-Chairmen:

Prof. T. N. Veziroglu,
USA

History After an enthusiastic response to the past four International Symposiums held in 1984, 1989, 1994 and 1999, we are pleased to announce that the *5th International Symposium on Multiphase Flow, Heat Mass Transfer and Energy Conversion* will be held in July 3-6, 2005.

Prof. G. Hetsroni, Israel
Prof. L. J. Guo, China

Topics Covered: Gas-liquid and gas-solid two-phase flows; Oil-gas-liquid and gas-liquid-solid three-phase flows; Sprays, plasma flows; Heat and mass transfer; Boiling, condensation and other phase change phenomena; Fluidized beds, Combustion; Refrigerants; Phase change heat transfer Separation and phase interfacial phenomena; Particulate dynamics, acoustics and wave phenomena; Fundamental equations and closure laws; Numerical method and modeling; Instrumentation; General applications; Chemical, Petroleum and Environmental industrial applications; Sand and dust storm; Hydrogen production and utilization; Fuel Cell; Hydrogen energy system.

Organizing Committee:

Chairman:

Prof. L. J. Guo, China

Co-chairmen:

Prof. S. C. Yao, USA
Prof. N. H. Thomas

Scientific Committee

Chairman:

Prof. Z. H. Lin, China

Co-chairmen:

Prof. S. Kakac, USA
Prof. M. L. Corradini, USA

Important dates (Deadline):

Extended Abstract:

Nov. 30, 2004

Full Paper for Review:

Jan. 31, 2005

Paper Acceptance Notification:

Feb. 28, 2005

Final Paper submission:

Mar. 31, 2005

Contact Information:

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Secretariat of ISMF'05

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Keynote Lectures Since the first announcement was issued, more than 150 scientists from more than 15 countries expressed their interest in participating and presenting papers. 14 keynote lectures will be arranged on the Symposium. Many international renowned scientists have accepted our invitation and confirmed that they will present keynote lecture including:

-Prof. P. Cheng (Hong Kong University of Science and Technology, HK)

-Prof. M. Corradini (University of Wisconsin-Madison, USA)

-Prof. G. Hetsroni (Technion - Israel Institute of Technology, Israel)

-Prof. G. Hewitt (Imperial College, UK)

-Prof. D. D. Joseph (University of Minnesota, USA)

-Prof. S. Kakac (University of Miami, USA)

-Prof. S. Kandlikar (Rochester Institute of Technology, USA)

-Prof. M. Michel LANCE (Université Claude Bernard Lyon 1, France)

-Prof. T. N. Veziroglu (University of Miami, USA)

-Prof. G. Yadigaroglu (Swiss Federal Institute of Technology Zurich, Swiss)

-Prof. A. Tomiyama (Kobe University, Japan)

-2~3 lectures by Chinese Scholars

Publication The Proceedings will be published as a CD. In addition, suitable papers will be recommended to publish on one of the relevant journals including *Experimental Thermal and Fluid Science*, *Int. J Multiphase Flow* and *Int. J Hydrogen Energy*.

Cultural Events

Historical tour: *Option one:* Museum of Qin Terra Cotta Warriors and Horses → Mausoleum of Emperor Qin Shi Huang → Huaqing Hot Springs

Option two: Qianling Tomb → Famen Temple

City tour and shopping: The Big Wild Goose Pagoda → Shaanxi Provincial History Museum → The Bell Tower → Shopping