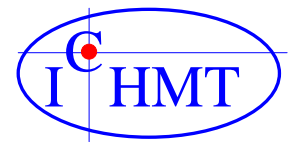


THMT'09

'Sapienza' Rome, ITALY September 14-18, 2009



SAPIENZA
UNIVERSITÀ DI ROMA



TU Delft
Delft University of Technology

2nd Announcement and Call for Papers

6th International Symposium on

Turbulence, Heat and Mass Transfer

The 6th Symposium on Turbulence, Heat and Mass Transfer, organized by ICHMT, the International Centre for Heat and Mass Transfer, will again provide an opportunity for scientists and engineers to present recent advances and to discuss current problems, future needs and prospects in the area of heat and mass transfer associated with turbulence. This is the sixth triennial symposium, after Lisbon, Portugal (1994), Delft, The Netherlands (1997), Nagoya, Japan (2000), Antalya, Turkey (2003) and Dubrovnik, Croatia (2006). Major topics and new trends will be introduced through several keynote lectures that will be presented by internationally recognized experts.

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Deadlines: Abstracts: JANUARY 31, 2009

Notification of acceptance: MARCH 15, 2009

Camera-ready manuscripts: MAY 31, 2009

- Experiments and theories which elucidate the role of turbulence in forced, natural and mixed convection
- New experimental techniques for turbulent flow and scalar transport measurements
- Numerical simulations/ modelling of turbulence and heat and mass transfer: DNS/LES, hybrid RANS/LES, VLES, PDFs, RANS
- Turbulent heat and mass transfer control and augmentation
- Unsteadiness and transients in turbulent heat and mass transfer

- Turbulence in two-phase flows, effects of turbulence on particles, droplets and film heat and mass transfer
- Turbulence, heat and mass transfer in combustion and other reacting flows
- Environmental and geophysical turb. transport phenomena
- Turbulence-related utilization of heat and mass transfer in new energy, process and environmental technologies
- Turbulence, heat and mass transfer in material processing, in MHD, and in special applications

<http://www.thmt-09.org>

Organizing Secretary: D. Borello, borello@dma.ing.uniroma1.it

KEYNOTE SPEAKERS

- **Jean-Claude André**, CERFACS, Toulouse, France
Challenges in large-scale environmental and geophysical CFD simulations
- **Jean-Paul Chabard**, Electricité de France
Heat and fluid flow simulations for deciding tomorrow's energies
- **Andreas Dreizler**, TU Darmstadt, Germany
Advanced diagnostics in turbulent reactive flows
- **Yoshimichi Hagiwara**, Kyoto Institute of Technology, Japan
Effects of bubbles, droplets and particles on heat transfer in turbulent flows
- **Howard Baum**, NIST/University of Maryland, USA
Fire Dynamics Modelling

CALL FOR PAPERS

Authors are invited to submit electronically an extended abstract of 2-4 pages with supporting illustrations as appropriate, to the Symposium Chairmen Prof. K.Hanjalic (Europe, America, Africa): thmt-09@dma.ing.uniroma1.it and Prof. Y.Nagano (Asia, Australia): thmt-09@heat.mech.nitech.ac.jp.

IMPORTANT DATES

- Receipt of abstracts: January 31, 2009
- Notification of acceptance: March 15, 2009
- Receipt of camera-ready manuscripts: May 31, 2009
- Symposium in Rome: September 14-18, 2009

PROCEEDINGS

Printed book of Proceedings, containing the short papers (4 pages) and the full-length keynote papers, together with the CD Proceedings containing all full-length papers will be provided to all participants on arrival at the meeting. The proceedings will include all invited and accepted contributed papers received in the final form prior to the given deadline. The Organizing Committee, assisted by the members of the Scientific Advisory Committee, will review all papers to assess their suitability for publication in the proceedings. Selected papers will be published in special issues of international journals (Flow, Turbulence and Combustion and Int. Journal of Heat and Fluid Flow) after the Symposium.

REGISTRATION FEE

- Early registration (before May, 2009): Euro 450
- Late registration: Euro 490
- On-site registration: Euro 530
- Students: Euro 250
- Accompanying persons: Euro 100

The fee includes the symposium proceedings (book of short papers and CD-proceedings), refreshments and the social programme (welcome reception and symposium banquet, see website). The registration fee for accompanying persons covers participation in the social programme.

SYMPOSIUM LOCATION

The Symposium will be held from September 14-18, 2009 in the Faculty of Engineering of the University of Rome 'La Sapienza' situated in a beautiful renaissance building (former Saint-Peter-in-Chains Monastery) in the heart of ancient Rome only a few hundreds meters from Coliseum, Via Eudossiana 18, 00184 Rome.



HOME PAGE:

Further and updated information on the symposium, templates for short and full-length papers, registration, accommodation and hotel reservation, programme/tours for accompanying persons etc. can be found on the web site:

<http://www.ichmt.org> (under future ICHMT meetings) or <http://www.thmt-09/announce.html>

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