

FIRST ANNOUNCEMENT & CALL FOR PAPERS

International Symposium
on

CONV-09

**CONVECTIVE
HEAT AND MASS
TRANSFER IN
SUSTAINABLE ENERGY**

April 26 – 1 May, 2009
Hammamet, Tunisia



<http://www.ichmt.org>

The International Centre for Heat and Mass Transfer (ICHMT), is pleased to announce CONV-09, an International Symposium on Convective Heat and Mass Transfer in Sustainable Energy, taking place in Hammamet, Tunisia, during 26 April – 1 May, 2009.

OBJECTIVE

The objective of this conference is to bring together researchers, engineers, scientists in a forum to exchange innovative ideas, methods and results, and visions of the future related to the general theme of convective heat and mass transfer.

This meeting will firstly focus on a presentation and discussion of theory, experiments, and applications of convective heat and mass transfer. A heavy emphasis is placed on the significant recent advances in convective heat transfer in conversion systems of renewable energy. The importance of such systems is continuously increasing to a point where their dimensioning and design become dominant factors for energy sustainability.

TOPICS OF INTEREST

A wide range of topics related to classical and emerging areas of convective heat and mass transfer applications will be covered, including:

- Computational and experimental methods in fluid flow and heat transfer
- Enhancement of heat exchangers
- Convective heat transfer in solar energy conversion systems
- Solar heating and cooling
- Fluid mechanics and turbulence in wind power
- Cooling of fuel cells
- Micro-scale convective heat and mass transfer
- Imaging, flow visualization and data analysis
- Boiling, condensation, two-phase flows
- Mass transfer, pollutant dispersion
- Conjugated heat transfer
- Thermo-solutal convection
- Thermo-mechanical analysis of electronic cooling

- Air conditioning, heat transfer and fluid mechanics for buildings
- Solid-fluid interface properties of new materials
- Entropy generation and optimization

LOCATION

The Symposium will be held at 5* El Mouradi Hotel, situated in the tourist area of Yasmine Hammamet, 4 km from the city of Hammamet and 60 km from Tunis-Carthage airport. This hotel has an excellent location. It includes several services and numerous sport activities. Hammamet is one of the most popular summer vacation centre, and is well known in Europe. It offers outstanding atmosphere for both relaxation and excitement.

Reservation at the hotel should be made using the reservation form on the Symposium website.

A choice of one-day and two-day post-conference tours to Tunis-Carthage-Sidi Bou Said, Kairouan-Sousse-EIJem and EIJem-Matmata-Tozeur will be arranged, subject to there being a sufficient number of participants.

PRESENTATION and PUBLICATION

There will be oral and poster presentations of contributed papers in each session. All contributed papers will be evaluated and accepted for presentation based on the extended abstracts (3–4 pages).

Authors may also present their most recent work, or work in progress, as a poster without having to write a full paper. There will be special sessions for recent-work posters. The abstracts of these contributions (1-2 pages) will be included in a "Book of Keynote Lectures and Extended Abstracts".

All keynote lectures and full papers will be published by Begell House Inc. in a Proceedings volume and will be available in the form of a CD-ROM. The papers will also be published online in Begell House's Electronic Data Center.

A Selection of papers presented at the meeting will be published in reputable journals after the meeting.

ORGANIZING COMMITTEE

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- H. Yoshida, Kyoto University, Japan
- H. Yüncü, Middle East Technical University, Turkey

This is a tentative list. The complete list will be given on the Web site of the symposium:
<http://www.ichmt.org>

DEADLINES

October 31, 2008	3 - 4 pages extended abstracts
December 15, 2008	Notification of acceptance
February 13, 2009	Final copies of extended abstracts
February 13, 2009	Full papers submission
March 1, 2009	Abstracts for recent work posters
March 15, 2009	Early registration

REGISTRATION

The fees for both delegates and students cover participation in all technical sessions, a welcome reception, a book of keynotes lectures and extended abstracts, CD-ROM proceedings, coffee breaks and Symposium Gala Dinner.

Delegates :

580 US\$ (before March 15th, 2009)
680 US\$ (after March 15th, 2009)
780 US\$ (on site)

Students (subject to proof of status):

160 US\$ (before March 15th, 2009)
200 US\$ (after March 15th, 2009)

ICHMT

The International Centre for Heat and Mass Transfer was established in 1968. It is an international, professional, non-governmental, non profit organisation. The objective of the Centre is to promote international cooperation in heat and mass transfer science and its applications. For general enquiries about ICHMT please contact

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