

5th International Symposium on CONVECTIVE HEAT AND MASS TRANSFER CONV-22

9 Eylül University, Izmir, Turkey, June 5 – 10, 2022

<http://www.ichmt.org/conv-22>



The International Centre for Heat and Mass Transfer (ICHMT) is pleased to announce the 5th Int. Symposium in the series will follow the concept format and focus established at the previous conferences held in Cesme, Izmir (Turkey, 1996), Cesme, Izmir (Turkey, 2003), Hammamet (Tunisia, 2009), Kuşadası (Turkey, 2014).

The conference provides an international forum for the dissemination of the latest research and knowledge in the fundamentals and applications of the fluid flow with heat and/or mass transfer. The objective is to exchange innovative ideas, methods and results, and visions of the future related to the general theme of convective heat and mass transfer.

TOPICS OF INTEREST

A wide range of topics related to classical and emerging areas of convective heat and mass transfer in both steady and transient states will be covered, including:

- Enhancement of heat exchangers
- Fundamentals of Natural, forced and mixed convection
- Convective heat transfer in solar conversion systems
- Heat and Mass transfer in fuel cells
- Heat and Fluid Flow in Micro/Nano Scales
- Impinging jets
- Mass transfer, pollutant dispersion
- Thermo-solutal convection
- Heat and mass transfer in building
- Boiling, condensation, two-phase flows
- Melting and solidification
- Heat and Mass transfer in Biomedical devices
- Thermo-mechanical analysis of electronic cooling
- Measurement techniques in fluid flows and heat transfer
- Imaging and data analysis in convection
- Networks of thermal and energy systems
- Heat and mass transfer in the ecosystems
- Thermo-fluid education

IMPORTANT DATES

*Abstracts and Full papers to be sent to Prof. M. Rebay

January 7, 2022 One-page abstract submission
February 4, 2022 Full papers submission (8 pages)
March 4, 2022 Notification of Acceptance

April 8, 2022

April 8, 2022

April 29, 2022

Final papers due

Abstracts for recent work posters

Early registration deadline

DEDICATION

This symposium is dedicated to Prof. Renato Cotta, University Federal of Rio de Janeiro, Brazil and Prof. Yildiz Bayazitoglu, Rice University, USA who have made significant contributions to the international convective heat transfer community.

HONORARY CHAIRS

Emeritus Prof. Sadik Kakaç

TOBB ETU, School of Engineering, Ankara, Turkey

Emeritus Prof. Jacques Padet

University of Reims Champagne-Ardenne, Reims, France

ORGANIZATION COMMITTEE

Symposium Co-Chairs;

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