



CHT-24
9th International Symposium on
ADVANCES IN COMPUTATIONAL HEAT TRANSFER
Istanbul, May 26 - 30, 2024
<http://www.ichmt.org/cht-24>

5th Announcement and Call for Papers



The **International Centre for Heat and Mass Transfer** is pleased to announce the **9th International Symposium on Advances in Computational Heat Transfer**, CHT-24, to take place in Istanbul, Turkiye, during May 26 - 30, 2024.

OBJECTIVE

The goal of the symposium is to provide a forum for the exchange of ideas, methods and results in computational heat transfer. Fundamental and applied papers will be welcome.

Topics will include but are not limited to:

- Biological heat transfer
- Boundary layer flow and heat transfer
- Combustion and fire modelling
- Computational methods
- Double diffusive convection
- Energy
- Environmental heat transfer
- Forced convection
- Internal flow and heat transfer
- Inverse problems
- Materials processing and manufacturing
- Micro and nanoscale heat transfer
- Natural convection
- Radiative heat transfer
- Single and multiphase flow and heat transfer
- Solidification and melting
- Sustainability
- Turbulent heat transfer
- Turbulence modelling
- Verification and Validation



SCIENTIFIC PROGRAMME

The scientific programme will consist of invited plenary and keynote lectures presented by internationally recognized researchers, contributed papers presented in oral or poster sessions, and panel discussions. In addition, an Open Forum session will give authors an opportunity to present new work or work in progress, which is not yet ready for review. Presentations on future directions or neglected problems in CHT will be particularly welcome. The G. de Vahl Davis Best Paper Award will be presented to the authors of the paper judged to be the best at the symposium.

PRESENTATION AND PUBLICATION

Papers will be selected for presentation and publication on the basis of a one-page initial abstract or an extended abstract or a full paper (which will be assessed to ensure relevance) followed by a review of the full papers. Presentation-only submissions will be evaluated based on the submitted abstracts without expecting a full paper submission. Proceedings will be published by Begell House Inc. on a flash disk and in the ICHMT Digital Library. Papers of archival quality may be submitted for publication in one or more special issues of the Begell House journal, *Computational Thermal Sciences*, or in other journals with substantial changes. At least one author needs to be registered by April 26, 2024, for the paper to be included in the Symposium Program and published in the Conference Proceedings. Presentations in the Open Forum session will not be included in the Symposium Proceedings.

SCHEDULE OF DATES

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| One page abstract, extended abstract or full paper due (Extended): | November 28, 2023 |
| Abstract acceptance: | November 29, 2023 |
| Full text of paper due: | January 28, 2024 |
| Paper acceptance subject to amendment: | March 06, 2024 |
| Presentation only abstract due: | April 05, 2024 |
| Final paper due: | April 05, 2024 |
| Presentation only abstract acceptance: | April 19, 2024 |
| Early registration deadline and final payment date for publication in Proceedings: | April 26, 2024 |

CORRESPONDENCE

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REGISTRATION

The symposium registration fees (in Euros) will be 550€ if paid before April 26, 2024; 600€ for advance registration after that date and 650€ on-site. This will cover participation in all technical sessions, a welcome reception and the Proceedings. Full-time students will pay 250€, subject to proof of status, before April 26, 2024. Some financial support will be available for students and young researchers from developing countries. Application for financial support should be made via the website.

TRAVEL INFORMATION

The official travel agent for CHT-24 is Claros Tour (claros.com.tr). Hotel reservations and tours at special rates will be offered at the Symposium website.

CONFIRMED KEYNOTE SPEAKERS

M. Pinar Menguc (TURKIYE)
Leonid Dombrovsky (RUSSIA)
Nesrin Ozalp (USA)
Satish Kumar (USA)
Hakan Erturk (TURKIYE)
K. Muralindar (INDIA)
S. A. Sherif (USA)
Mikhail Sheremet (RUSSIA)

Pedro J. M. Coelho (PORTUGAL)
Wojciech Lipinski (CYPRUS)
Qiuwang Wang (CHINA)
Ankur Jain (USA)
Ilker Tari (TURKIYE)
Devjyoti Banerjee (USA)
Kazuya Tatsumi (JAPAN)

INTERNATIONAL SCIENTIFIC COMMITTEE

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Alain Kassab (USA)
Aleksey Nenarokomov (RUSSIA)
Andrzej J. Nowak (POLAND)
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Gherhardt Ribatski (BRAZIL)
Helcio Orlando (BRAZIL)
Hiroshi Iwai (JAPAN)
Jari Kaipio (NEW ZEALAND)
J. Padet (FRANCE)
Jean-Francois Sacadura (FRANCE)
Jean-Luc Battaglia (FRANCE)
John Chai (UK)
José L. Lage (USA)
Josua Meyer (SOUTH AFRICA)

Luiz Wrobel (UK)
Masahiko Shibahara (JAPAN)
Mourad Rebay (FRANCE)
M. Pinar Menguc (TURKIYE)
Neima Brauner (ISRAEL)
Oronzio Manca (ITALY)
Perumal Nithiarasu (UK)
P. Oosthuizen (CANADA)
Paolo Di Marco (ITALY)
Pedro J. M. Coelho (PORTUGAL)
Peter Stephan (GERMANY)
Philippe Le Masson (FRANCE)
Q. Wang (CHINA)
Renato Cotta (BRAZIL)
Ryszard Bialecki (POLAND)
S. A. Sherif (USA)
S. P. Vanka (USA)
Sadik Kakac (TURKIYE)
Sara Rainieri (ITALY)
Sumanta Acharya (USA)
Stavroula Balabani (UK)
Sung Jin Kim (KOREA)
Tatiana Gambaryan-Roisman (GERMANY)
Victoria Timchenko (AUSTRALIA)
Wei Shyy (HONG KONG)
Wilson Chiu (USA)
X. Zhang (CHINA)
Yildiz Bayazitoglu (USA)
Y. Tao (USA)



Kazuya Tatsumi (JAPAN)
L.Q. Wang (HONG KONG)
Leonid Dombrovsky (RUSSIA)
Liliane Barichello (BRAZIL)

Ville Kolehmainen (FINLAND)
Z. Guo (USA)
Z. Saghir (CANADA)