



EUROTHERM 2020

8th European Thermal Sciences Conference

6-10 September, 2020, Lisbon, Portugal

www.eurotherm2020.pt

Conference Topics

Fundamentals

- Adsorption and desorption
- Boiling and condensation
- Combustion
- Computational/numerical methods
- Conduction
- Convection
- Electrochemical transport
- Evaporation
- Mass transfer and drying
- Measurement techniques
- Melting and solidification
- MHD and plasmas
- Micro/Nano-scale heat transfer
- Molecular transport
- Multiscale modelling
- Porous media
- Thermal radiation
- Thermophysical properties
- Turbulent transport
- Two-phase/multiphase flows

Applications

- Aerospace and aeronautics technology
- Bioheat transfer
- Biomedical engineering
- Cryogenics
- Electronic cooling
- Energy engineering
- Environmental applications
- Fires
- Heat and mass transfer education
- Heat exchangers
- Heat transfer in buildings
- Inverse problems
- Manufacturing processes
- Materials processing
- Micro-electro-mechanical systems
- Miniaturized systems for chemistry and life sciences
- Miscellaneous
- Nanotechnology
- Nuclear energy
- Optimization in heat and mass transfer

Conference Organization

The conference is organized under the auspices of the Eurotherm Committee.

Local Organizing Committee:

- Pedro Coelho (chair), IST, Univ. Lisboa
- Carlos Castro (co-chair), Faculty of Sciences, Univ. Lisboa
- Mário Costa, IST, Univ. Lisboa
- António Luís Moreira, IST, Univ. Lisboa
- Viriato Semião, IST, Univ. Lisboa

Contacts

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Conference Venue

The conference will be held at Instituto Superior Técnico (IST), University of Lisbon. IST aims to contribute to the development of society, promoting and sharing excellence in higher education in the fields of Architecture, Engineering, Science and Technology. Técnico offers Bachelor, Master and PhD programmes, lifelong training and develops Research, Development and Innovation (RD&I) activities, which are essential to provide an education based on the top international standards.

Papers submission

The papers are limited to 4 pages and must include an abstract, introduction, methodology, findings, conclusion, and references. Accepted papers will be published in the *Journal of Physics: Conference Series*, provided that they comply with the guidelines of the journal. The authors of the best papers will be invited to submit extended versions of their manuscripts to special issues of *Applied Thermal Engineering* and *Heat and Mass Transfer*.



Registration fees

	Before July 24, 2020	After July 24, 2020
Delegates	500	600
Students	250	300
Accompanying person	120	120

The registration fee for delegates and students includes attendance of all technical sessions, conference materials, coffee breaks, lunches, welcome reception and conference dinner. The registration fee for accompanying persons includes the welcome reception and the conference dinner. The registration fee of every presenting author has to be paid before July 24, 2020, to guarantee inclusion of the paper in the programme and in the volume of the Proceedings. One delegate/student registration covers a maximum of two papers. Additional papers must be covered by other delegate/student registration(s).



Important dates

Papers submission deadline	February 28, 2020
Papers acceptance notification	May 29, 2020
Submission of final, camera-ready manuscripts (pdf format)	July 3, 2020
Early registration deadline	July 10, 2020

