

ECTP 2023 European Conference on Thermophysical Properties

10-13 September 2023, Venice, Italy



CALL FOR PAPERS

ECTP 2023 will be the 22nd in a series of very successful conferences held since 1968. It is organized by the Associazione Italiana Proprietà Termofisiche (AIPT) in cooperation with the University of Modena and Reggio Emilia (DIEF/EELab), the National Research Council of Italy (CNR-ITC) and the IUAV University of Venice.

The objective of the Conference is to provide a forum for academic and industrial researchers to meet and share experiences in the field of thermophysical properties of a wide variety of systems, covering both fluids and solids. The Conference will concentrate on theory, modeling, measurements and applications on the following topics:

Properties: thermal conductivity, thermal diffusivity, viscosity and non-Newtonian properties, mass-diffusion, optical and radiative properties including emissivity, reflectivity and absorptivity, solubility, phase equilibrium including liquid-solid, calorimetric and volumetric properties, speed of sound, interfacial properties including solid-solid and wettability.

Materials: metals and alloys, ceramics, glasses, composites, multi-functional materials, superconductors, insulation materials, solar-reflective materials and thermal shields, porous materials, granular and thin-film materials, foams, gels, emulsions, soft materials, nano-materials, near critical and super critical fluids, polymers, food and biomaterials, environmentally friendly fluids, aqueous systems, petroleum fluids, ionic liquids, molten salts.

Methods: measurement techniques (including methodologies for data evaluation and prediction), engineering applications (polymerization, casting, sintering, plasma spraying, distillation), refrigerant techniques, thermoelectric cooling, insulation structures in civil engineering.

VENUE

The Conference will take place in **Venice** (Italy), at the "Cotonificio Veneziano" Building of the IUAV University, a comfortable location close to the city center.

IMPORTANT DATES AND DEADLINES

- November 1, 2022 Opening of abstract submission and registration
- December 31, 2022 Deadline for nominations for the **ECTP Lifetime Award**
(to be sent to cacastro@ciencias.ulisboa.pt)
Deadline for nominations for the **ECTP-NETZSCH Young Scientist Award**
(to be sent to: alberto.muscio@unimore.it)
- April 15, 2023 Deadline for abstract submission
- May 15, 2023 Notification of abstract acceptance
- June 15, 2023 Deadline for early bird registration

www.ectp2023.eu

✉ info@ectp2023.eu

KEY INFORMATION

After the conference, authors may submit their manuscripts to some agreed journals. Peer-review will take place according to specific journal rules. Complementary activities will be organized for accompanying persons.

Arrivederci in Venice!!