

First announcement and Call for papers

THERMOPHYSICS 2023

28th International Meeting

October, 3 – 5, 2023

Dalešice Brewery, Dalešice, Czech Republic



About the conference

This conference will be the 28th in a series of well-established meetings that have been held since 1996. Its chairmanship changes every three years, and in the period 2021 – 2023 is organized by

- Institute of Physical and Applied Chemistry, Faculty of Chemistry, Brno University of Technology in Brno (FCH BUT), Czech Republic

The co-organizers of the conference are the

- Department of Materials Engineering and Chemistry, Faculty of Civil Engineering, Czech Technical University in Prague (FCE CTU), Czech Republic,
- Department of Inorganic Chemistry, Faculty of Chemical Technology of University of Chemistry and Technology in Prague (FCHT UCT), Czech Republic.

In 2023 the conference will take place in the Dalešice Brewery situated in the south of Moravia.

The conference includes invited lectures, oral presentations, and discussions on specialized topics. The objective of the conference is to discuss the results of academic and industrial research, and exchange invaluable experiences in the field of thermos-physical properties of materials. It usually hosts about 40 participants from various countries, especially Slovakia, Czech Republic, and Poland, but also from Austria, Sweden, Germany, Japan, France, Turkey, Canada, Israel or India.

Conference Proceedings

In 2023 the conference **proceedings** will be published in the **AIP Conference Proceedings** Series that is published by the American Institute of Physics Publishing LLC. The AIP conference proceedings are indexed by the **Web of Science** and **Scopus** databases.

The AIP conference proceeding from Thermophysics 2021 was published on July 21, 2022 and you can see it at web pages <https://aip.scitation.org/toc/apc/2488/1>.

Call for papers

Preliminary registration and full paper submission must be made by **April 30, 2023**. Acceptance of papers for presentation at the conference will be based on the content of the abstracts. The manuscripts must be submitted through the conference website at <http://thermophysics.fch.vut.cz/2023/>

Each participant may submit **unlimited number of papers**. Please refer to the website for the most recent information.

Conference topics

Topics of interest include, but are not limited to, the following:

- Thermal performance and material properties
- Hygrothermal behavior of materials
- Thermal properties of insulation materials and composite materials
- Research on advanced composites and construction materials
- Thermophysical properties of wood, wood composites and their use in building industry
- Investigation of thermophysical properties of liquids
- Geothermal heat energy storage systems and materials
- Heat storage PCM and its applications
- Thermal properties of superconducting materials
- Climate and Weather Applications
- Thermo-physical properties and testing methods
- Dynamic and Transient measurements
- High-temperature analysis
- Calorimetric measurements
- Applications of temperature, humidity, moisture, and other thermal measurements
- Moisture related problems
- Uncertainty Estimation

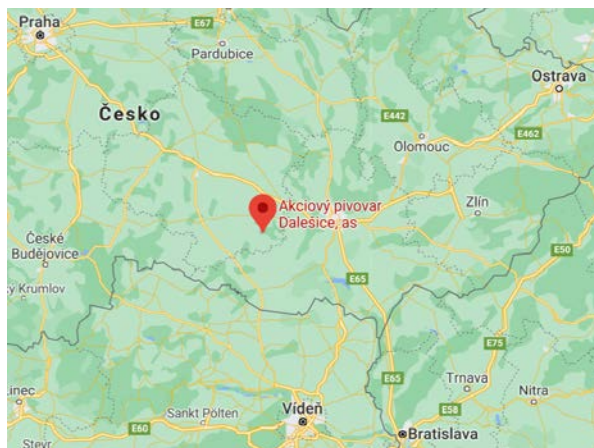
Venue and accommodation

Conference venue changes every three years. The **Brewery Dalešice** is the well-known brewery in the Czech Republic. It is known from the Czechoslovak comedy directed by Jiří Menzel **Cutting It Short** (also released as Shortcuts, in Czech: **Postřižiny**). It is based on the novel Postřižiny of the Czech writer Bohumil Hrabal. The story is set in a brewery in a small Czech town. Each year, numerous international congresses, symposiums, and meetings with the international attendance organized by the Czech scientific and industry institutions take place here.



Dalešice Brewery
Dalešice 71, 675 54 Dalešice, Czech Republic
<https://www.pivovar-dalesice.cz/>

Approximate distances from selected cities (by car)



Brno - 55 km
Bratislava - 177 km
Prague - 181 km
Vienna - 127 km
Budapest - 374 km
Warsaw - 693 km
Lodz - 513 km
Lublin - 662 km
Nitra - 273 km

Contact

Conference Chair: prof. Oldřich Zmeškal, Ph.D.

Faculty of Chemistry
Brno University of Technology
Purkynova 118
612 00 Brno, Czech Republic
Phone: +420 541 149 406
E-mail: zmeskal@fch.vutbr.cz