

*To the members of the IOC  
of the ECTP*

Dear Colleagues,  
welcome to our yearly contact. I hope you are all well, healthy and cheerful. It was good to see you in person in the STP in Boulder. It was a great conference!

In a world that's now changing faster than ever, staying connected and sharing our work feels more important than ever. I truly hope we'll continue to gather at conferences, exchanging ideas and celebrating progress in our field. With that in mind, I'm happy to share some details about the upcoming ATPC 2025, and ECTP 2026. Looking forward to meet you all soon...

*IOC Secretariat:  
Marc J. Assael*

**ATPC 2025**

October 17 – 21, 2025, Shanghai, China  
<http://www.atpc2025.org/>  
(see also information on page 5)

**ECTP 2026**

June 21 – 24, 2026, Gouvieux, France  
<https://www.ectp2026.com/>  
(see also information on pages 2-4)

**STP 2027**

June 21 – 24, 2027, Boulder, USA  
in due course...

for keeping up to date

[thermophysicalpropertiesconferences.com](http://thermophysicalpropertiesconferences.com)



## ECTP 2026

*Gouvieux, France, June 21-24, 2026*

This European Conference on Thermophysical Properties is the 23rd edition of a series of very successful conferences on thermophysical properties held in Europe since 1968.

The 23rd ECTP will take place in the **Castle Serge Kampf Les Fontaines** in Gouvieux (France) and is organized by the Reactions and Chemical Engineering Laboratory (LRGP, Nancy), in collaboration with the Institute of Chemistry of Clermont-Ferrand (ICCF, Clermont-Ferrand) and the Centre for Energy Environment Processes (CEEP, Paris).

We are looking forward to meeting you all in Gouvieux in June 2026!

*The Local Organising Committee  
of ECTP2026*

### Conference goal

The objective of ECTP is to provide a forum for academic and industrial researchers to meet and exchange valuable experiences in the field of thermophysical properties for a wide variety of systems covering fluids and solids.

This conference will include plenary, keynote and invited lectures, oral presentations, poster sessions and discussion sessions on specialized topics.

The ECTP Award for Lifetime Achievements, as well as the NETZSCH Young Scientist Award and three Best Poster awards will be delivered during this event.

### Properties

Phase equilibrium, calorimetric and volumetric properties, speed of sound, interfacial properties including solid-solid and wettability, thermal conductivity, diffusivity, electrical conductivity, viscosity, non-newtonian properties, mass-diffusion and thermo-diffusion, optical and

radiative properties including emissivity, reflectivity and absorptivity, corrosivity, thermal and chemical stability, etc.

### Materials

Near-critical and supercritical fluids, aqueous systems, hydrogen and hydrogen-based mixtures, carbon dioxide-based mixtures, green solvents, ionic liquids, fuels, molten salts, metals and alloys, working fluids for thermodynamic cycles, ceramics, glasses, composites, multi-functional materials, superconductors, insulation materials, porous materials, granular and thin-film materials, foams, gels, emulsions, soft materials, nano-materials, polymers, bio-materials, etc.

### Methods

Development of instrumentation and measurement techniques, calibration standards and uncertainty assessments, molecular simulation of thermophysical properties, thermophysical property measurements, theory on thermophysical properties, thermophysical property modelling, validation methods and consistency tests, artificial intelligence, databases, etc.

### Applications

Standard data and standard substances, distillation, energy storage, hydrogen liquefaction and storage, cryogenics, carbon capture, utilization and storage, innovative thermodynamic cycles for heat pumps and power plants, green chemistry, polymerization, casting, sintering, plasma spraying, refrigerant techniques, thermoelectric cooling, medical applications, nuclear reactors and fuel cycle chemistry, aerospace, insulation structures in civil engineering, ocean and atmospheric applications, etc.

*After the conference, most relevant works will be invited to be submitted for a special issue to the **International Journal of Thermophysics** and to the **High Temperatures-High Pressures Journal**.*



## Conference Venue

### The Serge Kampf Les Fontaines campus

*A showcase of elegance and innovation*

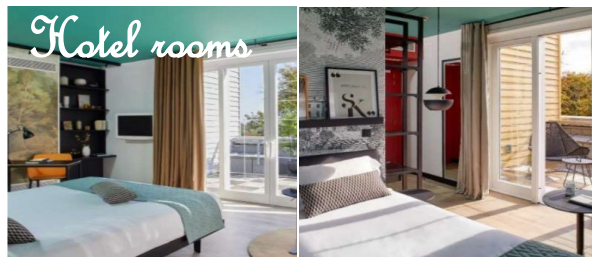


Nestled in the heart of a 52-hectare green park, the Serge Kampf Les Fontaines Campus is an exceptional place combining refinement and modernity. This historic former estate has been transformed into an internationally renowned conference center, offering a unique setting conducive to exchange and reflection.

With its majestic XIX<sup>th</sup> century château, light-filled spaces and state-of-the-art infrastructure, the campus is designed to inspire. The harmony between nature and architecture creates a serene atmosphere, ideal for hosting prestigious scientific events such as ECTP.

#### HIGHLIGHTS OF THE PLACE

- Located in Gouvieux, close to Chantilly
- **30 minutes from Paris** by public transportation
- 52-hectare wooded park (a pond, a Normandy farm and 7 contemporary villas)
- 450-seat auditorium
- 60 meeting rooms
- 300 hotel rooms
- Swimming pool, fitness room, hammam, spa.
- Design and delivery of eco-responsible events



*Just a stone's throw from the Château de Chantilly*

The Château de Chantilly is just a few minutes from the Serge Kampf Les Fontaines Campus. A true treasure of French heritage, this castle embodies elegance and history, offering a fascinating glimpse into the world of the great princely families.



Surrounded by formal gardens designed by Le Nôtre and a romantic park punctuated by water mirrors, the château is an architectural masterpiece of beauty and harmony. Its sumptuous interiors house one of the finest collections of old paintings in France, rivaling the finest museums. The library and historical archives, meanwhile, bear witness to a rich cultural heritage.

The Château de Chantilly, with its grand stables, equestrian shows and idyllic setting, is an inexhaustible source of wonder. A cultural interlude not to be missed, just a stone's throw from campus!



## Awards

### ECTP Lifetime Award

The Award is intended to:

- honour outstanding scientific work in any field of research on thermophysical properties
- encourage efforts which help to understand and make it possible to predict the thermophysical properties of matter
- underline the importance attributed by the scientific community and by industry to the broadening of our knowledge about the thermophysical properties of matter

Nominations are invited for the ECTP Lifetime Award in recognition of well-defined original scientific achievements in thermophysics over a long period of activity. The application can be made either personally or by a (some) sponsor(s). Each nomination should be accompanied by a brief biography, a list of significant publications, a description of professional achievements in thermophysics and 1-2 letter(s) of recommendation from influential members of the thermophysics community detailing the specific reasons for the nomination.

*Nominations should reach the ECTP-IOC Lifetime Award Committee Chair [W.A. Wakeham](#) before November 30, 2025.*

### ECTP-NETZSCH Young Scientist Award

Nominations are invited for the ECTP-NETZSCH Young Scientist Award in recognition of exceptional scientific achievements in thermophysical property research. The Award will be presented during the ECTP 2026. The recipient should be no more than 35 years old by the time of the award presentation and should have attended at least one ECTP conference before nomination. The application can be made either personally or by a sponsor. Each nomination should be accompanied by a detailed description of the achievements of the nominee and a complete CV containing a list of publications.

*Nominations should reach the ECTP-IOC Chair [S. Lasala](#) before September 30, 2025.*

### ARED CEZAIRLIYAN ANNUAL BEST PAPER Award

The Cezairliyan Prize, named after the journal's founding Editor, Dr Ared Cezairliyan, recognises a paper judged to make a significant advance in the field of thermophysics, published in International Journal of Thermophysics in the previous calendar year, and is selected by a prize committee from the journal's Editorial Board. It carries a certificate and

a cash award for the author, and is presented at the main thermophysics conference each year (Asian Thermophysical Properties Conference, the European Conference on Thermophysical Properties, or the Symposium on Thermophysical Properties).

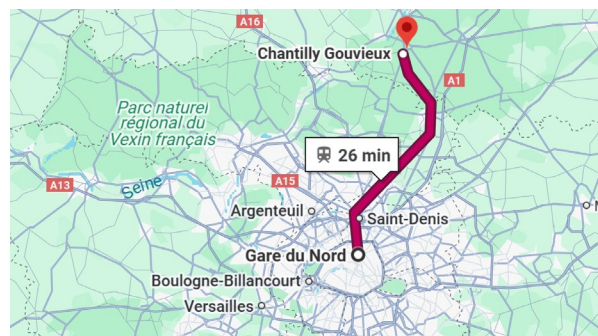
**Further information:** [click here.](#)

### BEST POSTER Awards

Three best paper certificates will be awarded at the conference. More information will be provided in 2025.

## Next door to Paris

Located approximately 30 minutes by public transportations from the Serge Kampf Campus, Paris offers a unique opportunity to discover some of France's most iconic landmarks.



An opportunity to discover:

- The **Eiffel Tower**, a globally recognized symbol of France.
- The **Louvre**, one of the world's largest museums, home to masterpieces such as the Mona Lisa.
- **Notre-Dame de Paris**, a jewel of Gothic architecture.
- The **Arc de Triomphe** and the **Champs-Élysées**, for a stroll along one of the world's most famous avenues.
- **Chateau de Versailles**, etc.

Whether for a cultural experience, historical discovery, or simply to immerse yourself in the Parisian atmosphere, a visit to the capital will be a truly enriching experience.

For more information

Visit the ECTP 2026 website [here](https://www.ectp2026.com/)  
(<https://www.ectp2026.com/>)

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## ATPC 2025

### 14<sup>th</sup> Asian Thermophysical Properties Conference

Shanghai, China, October 17-21, 2025

The 14th Asian Thermophysical Properties Conference (ATPC2025) will be held in Shanghai from October 17th to 21th, 2025. The Asian Thermophysical Properties Conference, initiated in 1986 by Academician of the Chinese Academy of Sciences, Prof. Buxuan Wang and Prof. Seki of Japan, is held triennially and has been successfully hosted in China, Japan, South Korea, India, and other countries.



ATPC 2025 is organized by Shanghai Polytechnic University. Shanghai is the largest commercial, financial, trade and shipping center in China, and is also one of the most important Science and Technology Innovation centers in China. The transportation is accessible from all over the world by air.

The conference will be focused on the recent progress and future directions in the field of thermophysical properties, and its topics will cover from basic science to application of a variety of materials and systems. Technical sessions will provide an international forum for scientists and engineers.

The conference will take place in the Hilton Shanghai Zhangjiang Science City:  
(<https://www.hilton.com.cn/shanghaihangjiang/>)

#### Technical Sessions & Special Panels

There will be 11 Technical Sessions so far, and 2 Special Panels.

##### *Technical Sessions*

- 1 Molecular Theory and Simulation
- 2 Instrumentation and Measurement Techniques
- 3 Thermophysical Properties of Fluids
- 4 Thermophysical Properties of Solids
- 5 Thermophysical Properties of Multi-Phase, Phase Change
- 6 Thermal Radiative Properties
- 7 Nano/Micro-scale Thermophysical Properties
- 8 Properties for Fuels and Energy Systems
- 9 Properties of Thermal Interface Materials
- 10 Thermal Management of Electric Device
- 11 AI Empowerment of Thermophysical Property Investigation

##### *Special Panels*

- I Thermal Metamaterial
- II Energy Storage Materials

#### Important dates

**Jan. 1, 2025** Submission of abstracts  
**May. 31, 2025** Submission of abstracts deadline  
**Aug. 15, 2025** Early-bird registration deadline

More information is available in  
<http://atpc2025.org>

We cordially invite you from across the world to join the ATPC2025.

Professor Huaqing Xie  
 Conference Chair, ATPC 2025  
 President of Shanghai Polytechnic University