

## Conference Site

The city of Pau is located in the south-west part of France, 80 km inland, by the Pyrénées mountains, the natural border with Spain. Pau, the capital of the Béarn, is the most elegant of the towns and cities that overlook the Pyrénées from their vantage point on the high bluffs that run parallel with the mountains.

Pau is chiefly famous as the birthplace of King Henry IV, France's first Protestant king. As soon as the infant was born, his lips were smeared with garlic and local Jurançon wine, in keeping with the traditional custom. After a taste of Jurançon with Foie Gras and local cheese, you will have the opportunity to visit Henri IV's Chateau, first remodeled in the 14<sup>th</sup> century for the ruler of Béarn, Gaston Phoebus. You may also stroll along the Boulevard des Pyrénées, a remarkable 1.5 km long road along the edge of the cliffs on which Pau is built where you can get a breathtaking view on the Pyrénées. This friendly and cosmopolitan city offers also a pleasant location from which to explore Aquitaine region.

## Transportation

Pau lies on the A64 highway and on the main east-west rail route, with connections to Bayonne and Biarritz (100 km) and Spain (150 km) to the west, Lourdes (40 km) and Toulouse (200 km) to the east, as well as to Bordeaux (200 km) and Paris (800 km) to the north. It is easily reachable by airplanes and trains.

- **Pau International airport :**

9 daily Air France flights from Paris,

3 daily Air France flights from Lyon,

1 daily flight from London-Stansted with Ryanair (UK) and Amsterdam-Schiphol with Transavia (NL)

- **Tarbes-Lourdes International airport (40 km from Pau) :**

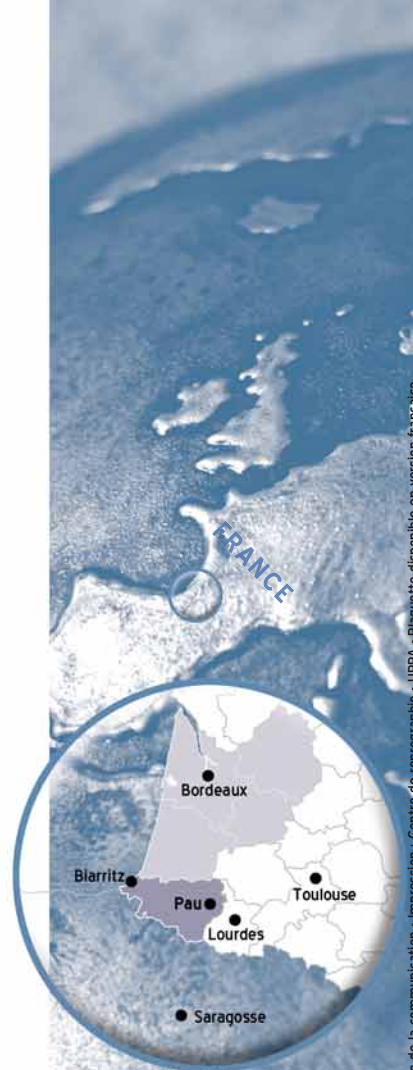
3 daily Air France flights from Paris

- **Trains :**

3 daily TGV (high-speed) trains from Paris (5 hours)

## Contact and Further Information

All information on the conference is available on the web at :  
<http://ectp.univ-pau.fr>



## Mailing Address

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18<sup>th</sup> **ECTP**  
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## European Conference on Thermophysical Properties

August 31 – September 4, 2008  
Pau (France)

PRELIMINARY ANNOUNCEMENT

<http://ectp.univ-pau.fr>



## About the Conference

This will be the 18<sup>th</sup> edition of a conference on thermophysical properties that has been organized in Europe since 1968

1968	Baden-Baden	Germany	1986	Rome	Italy
1970	Salford	United Kingdom	1988	Umea	Sweden
1972	Turin	Italy	1990	Vienna	Austria
1974	Orleans	France	1993	Lisbon	Portugal
1976	Moscow	Russia	1996	Lyon	France
1978	Dubrovnik	Yugoslavia	1999	Würzburg	Germany
1980	Antwerpen	Belgium	2002	London	United Kingdom
1982	Baden-Baden	Germany	2005	Bratislava	Slovakia
1984	Manchester	United Kingdom			

In 2008, the conference will be held in Pau (France). It will be co-organised by the Laboratory of Complex Fluids of the University of Pau, which will be responsible for the scientific program regarding the fluids, and the Institute of Physics, Slovak Academy of Sciences in Bratislava together with the Constantine the Philosopher University in Nitra which will be responsible for the solids.

The conference will include invited lectures, oral presentations, poster sessions and workshops on specialized topics. The ECTP Award for lifetime achievements and the ECTP-Netzsch Young Scientist Award will be presented during the event. An exhibition of scientific equipment will be held during the conference.

## Scope of the Conference

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

**The conference concentrates mainly on measurement, theory and modeling of the following properties :** thermal conductivity, diffusivity, electrical conductivity, viscosity and non-Newtonian properties, mass-diffusion and thermo-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,

### and materials including :

metals and alloys, ceramics, glasses, composites, multi-functional materials, superconductor, insulation materials, 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 salt and others,

### with a special focus on :

standard data and standard materials, measuring techniques (including methodology of data evaluation and prediction) and engineering applications (polymerisation, casting, sintering, plasma spraying, distillation, refrigerant techniques, thermoelectric cooling, insulation structures in civil engineering, etc.).

## Organizing Committee

J.C. Batsale	University of Bordeaux 1	France
A. Baylaucq	University of Pau	France
C. Boned	University of Pau	France
H. Carrier	University of Pau	France
J. L. Daridon, Chairman	University of Pau	France
L'. Kubičár	Slovak Academy of Sciences, Bratislava	Slovakia
I. Medved'	Constantine the Philosopher University in Nitra	Slovakia
J. Pauly	University of Pau	France
L. Vozár	Constantine the Philosopher University in Nitra	Slovakia

## ECTP – International Organizing Committee Members

J.C. Batsale	(France)	K. D. Maglič	(Serbia)
H. Bauer	(Germany)	A. Nagashima	(Japan)
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V. E. Fortov	(Russia)	C. Nieto de Castro	(Portugal)
J. Fricke	(Germany)	F. Righini, Secretary	(Italy)
W. M. Haynes	(USA)	J. F. Sacadura	(France)
L'. Kubičár	(Slovakia)	W. A. Wakeham	(United Kingdom)

## Program

Sunday evening,	August 31 <sup>st</sup> , 2008	registration and welcome reception
Monday,	September 1 <sup>st</sup> , 2008	opening / scientific sessions
Tuesday,	September 2 <sup>nd</sup> , 2008	scientific sessions / gala dinner
Wednesday,	September 3 <sup>rd</sup> , 2008	scientific sessions
Thursday morning,	September 4 <sup>th</sup> , 2008	scientific sessions / closing

## Important Dates, Publications

January 31 <sup>st</sup> , 2008	abstract submission
March 31 <sup>st</sup> , 2008	notification of acceptance
May 31 <sup>st</sup> , 2008	submission of full paper
June 15 <sup>th</sup> , 2008	registration

Authors are expected to submit a full manuscript of their contribution by the indicated deadline. All received manuscripts (not refereed) will be collected in a CD-ROM to be given to the attendees at the event. Following the conference, authors will be invited to submit their manuscripts to some mainstream journals in thermophysics, that are presently being contacted. Agreement with the editors of International Journal of Thermophysics and High Temperatures – High Pressures have already been reached. Papers accepted after peer review will be published in Special Issues of these journals.