

*To the members of the IOC  
of the ECTP*

Dear Colleagues,  
welcome to our yearly contact. We have lots of news starting with the statistics resulting from the last five ECTPs.

Presentations	ECTP				
	2002	2005	2008	2011	2014
Oral	159	125	185	211	175
Poster	133	185	266	161	199
Total	292	310	451	372	374
Attendees	340	210	394	315	391
Countries	42	30	40	31	40

In general terms, during the last twelve years the number of presentations has been in the 300-450 range, involving participants from 30-40 countries. In our opinion, considering the delicate economic world situation during the last years, these numbers are very good and encouraging.

Two new members have joined the IOC. Prof. Igor Medved is the new member from Slovakia, while Prof. Josefa Fernandez (Spain) has accepted an invitation to join IOC. We gladly welcome both new members.

**IOC Secretariat:**  
**Marc J. Assael**  
**Francesco Righini**

**21<sup>st</sup> ECTP**  
**21<sup>st</sup> European Conference**  
**on Thermophysical Properties**

Gratz, Austria, September 3-8, 2017

The conference is organized by the Institute of Experimental Physics at the TU Graz, Austria, and will take place in the Physics building.

Chairman: Professor Gernot Pottlacher  
([ectp2017.tugraz.at](http://ectp2017.tugraz.at))





## 20<sup>th</sup> European Conference on Thermophysical Properties

Porto, Portugal  
August 31<sup>st</sup> – September 4<sup>th</sup>, 2014

The 20<sup>th</sup> European Conference on Thermophysical Properties was successfully held during August 31<sup>st</sup> - September 4<sup>th</sup>, 2014 in Porto, Portugal. Although the initial number of registrations through the web site was 478, the total attendance to the conference was 391 persons. There were participants from all over the world with the geographical breakdown shown in Table 1.

**Table 1.** Geographical breakdown of 20<sup>th</sup> ECTP participants

<b>Europe</b>		<b>275</b>	
Austria	5	Netherlands	1
Azerbaijan	1	Poland	7
Belarus	2	Portugal	99
Belgium	2	Russia	9
Czech Republic	8	Serbia	1
Denmark	1	Slovakia	8
Estonia	2	Slovenia	1
Finland	2	Spain	35
France	26	Switzerland	1
Germany	41	Turkey	1
Greece	5	Ukraine	1
Hungary	1	UK	10
Italy	5		
<b>Asia</b>		<b>81</b>	
Japan	47	<b>Oceania</b>	<b>5</b>
South Korea	16	Australia	4
Kuwait	1	New Zealand	1
P.R.China	16		
Qatar	1		
<b>North America</b>		<b>19</b>	
Canada	2	<b>South America</b>	<b>4</b>
Mexico	11	Brazil	2
USA	6	Colombia	2
<b>Africa</b>		<b>7</b>	
Algeria	5		
South Africa	1		
Tunisia	1		

### • PLENARY & INVITED LECTURES

There were seven very interesting plenary lectures given by the following distinguished scientists:

- *Calorimetry on time scales from microseconds to days*  
Christoph Schick (Institut für Physik, Universität Rostock, Rostock, Germany)
- *High-temperature thermophysical property measurement system for metallic melts: PROSPECT*  
Hiroyuki Fukuyama (Institute of Multi-disciplinary Research for Advanced Materials, Tohoku University Sendai, Japan)
- *Upon what may exist in the "GAP" between traditional ionic liquids and molten salts*  
Luís Paulo Rebelo (Instituto de Tecnologia Química e Biológica, Universidade Nova de Lisboa, Lisbon, Portugal)
- *Thermophysical property measurement and prediction for undistillable hydrocarbons – getting a handle on the bottom of the oil barrel*  
John Shaw (University of Alberta, Alberta, Canada)
- *Forty seven years of calorimetry*  
Kenneth Marsh (University of Western Australia, Perth, Australia)
- *Thermal conductivity measurement of solids using the transient hot-wire method*  
Jiangtao Wu (Xi'an Jiaotong University, China)
- *Thermal diffusivity measurements on thin films and multilayer systems*  
Magnus Rohde (Institute for Applied Materials, Karlsruhe Institute for Technology, Germany)

The conference was also highlighted with 16 invited lectures.



### • AWARDS

During the 20<sup>th</sup> ECTP two awards were given to the following outstanding candidacies:

- the ECTP-NETZSCH Young Scientist Award was received by Dr Mara Freire, University of Aveiro, Portugal,
- the ECTP Lifetime Award was received by Dr William M. Haynes, National Institute of Standards and Technology, Boulder, USA.

### • CONTRIBUTIONS

The conference contributions included **175** oral presentations and **199** posters with an approximate subdivision of 70% in liquids and 30% in solids. As noted before, presentations in the area of solids seem to be decreasing as applications can also be presented in many complementary conferences.

### • SOCIAL EVENTS

Finally the social program included a tour of the city and its historic center, sightseeing of the Douro Riverside and Atlantic Coast (Foz), the route to Vila Nova de Gaia across the D. Luis I bridge, passing along the Porto wine cellars, the visit to a typical fishing village (Afurada), and the view of the sunset on the Atlantic coast (Lavadores). The tour ended at the location of the Conference Dinner at Taylor's Cellars. A Farewell party with traditional Portuguese food and drinks was served at the end of the closing ceremony.

*For the Local Organizing Committee*

*Luis Santos & João Coutinho*

## 19<sup>th</sup> Symposium on Thermophysical Properties (STP)

The 19<sup>th</sup> Symposium on Thermophysical Properties (STP) will take place on June 21-26, 2015, in Boulder, CO, USA. All technical sessions will be held at the University of Colorado, Boulder, Colorado, U.S.A. The Symposium is organized by the National Institute of Standards and Technology, and the Joint ASME-AIChE Committee on Thermophysical Properties.

Symposium Organizers:

Dr Daniel G. Friend & Dr Marcia L. Huber

([www.thermosymposium.nist.gov](http://www.thermosymposium.nist.gov))

## 11<sup>th</sup> Asian Thermophysical Properties Conference (ATPC)

The 11<sup>th</sup> Asian Thermophysical Properties Conference (ATPC) will take place on October 2-6, 2016 in Yokohama, Japan. All technical sessions will be held at the Pacifico Yokohama Annex Hall.

Conference Chair:

Professor Yuji Nagasaka

([www.atpc2016.org](http://www.atpc2016.org))

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

Following the discussion in Porto during the IOC meeting, a web site was created by Marc J. Assael, aiming to collect public information on the

- European Conference on Thermophysical Properties (ECTP)
- Asian Thermophysical Properties Conference (ATPC), and
- Symposium on Thermophysical Properties (STP).

The site aims to keep the history of these conferences alive, and inform the users of next meetings. Should you find any error, please contact Marc J. Assael ([assael@auth.gr](mailto:assael@auth.gr)).

## Thermophysical Properties Awards

@ ECTP, STP & ATPC

This information is available at

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

Apologies for any error. For corrections, please do contact Marc Assael (assael@auth.gr)

*The scientists we honor...*

### • ECTP Lifetime Award



**1986**  
Eric Fitzer  
(Germany)



**1988**  
Francois  
Cabannes  
(France)



**1990**  
Raymond E.  
Taylor  
(USA)



**1993**  
Giuseppe  
Ruffino  
(Italy)



**1996**  
Hans E. Schmidt  
(Germany)



**1999**  
Roy Taylor  
(UK)



**2002**  
Kosta D. Maglic  
(Serbia)



**2005**  
Ronald P. Tye  
(UK)



**2008**  
Akira Nagashima  
(Japan)



**2011**  
Sir William  
A. Wakeham  
(UK)



**2014**  
William M.  
Haynes  
(USA)

### • ECTP-NETZSCH Young Scientist Award



**1999**  
Steffen  
Rudtsch  
(Germany)



**2002**  
Brian  
Monaghan  
(UK)



**2005**  
Maria José  
Lourenço  
(Portugal)



**2008**  
Juergen  
Brillo  
(Germany)



**2011**  
Robert  
Hellmann  
(Germany)



**2014**  
Mara G.  
Freire  
(Portugal)

### • ATPC Significant Contribution Award



**2010**  
Yuji Nagasaka  
(Japan)



**2013**  
Xing Zhang  
(P.R. China)

### • ATPC Young Scholar Award



**2010**  
Feng Yanhui  
(P.R. China)



**2013**  
Naoya Sakoda  
(Japan)

### • STP Yeram S. Touloukian Award



**1988a**  
E. Ulrich Franck  
(Germany)



**1988b**  
Paul G. Klemens  
(USA)



**1991a**  
Tadashi Makita  
(Japan)



**1991b**  
Jan V. Sengers  
(USA)



**1994a**  
Joseph  
Kestin  
(USA)



**1994b**  
Guy K. White  
(Australia)



**1997a**  
Ared  
Cezairliyan  
(USA)



**1997b**  
Sir William  
A. Wakeham  
(UK)



**2000**  
Akira  
Nagashima  
(Japan)



**2003a**  
Raymond  
E. Taylor  
(USA)



**2003b**  
Wofgang  
Wagner  
(Germany)



**2006**  
Joanna  
Levelt Sengers  
(USA)



**2009a**  
Andreas  
Mandelis  
(Canada)



**2009b**  
Koichi  
Watanabe  
(Japan)



**2012a**  
Peter T.  
Cummings  
(USA)



**2012b**  
Michael  
Moldover  
(USA)