



Newsletter - April 2008

ECTP NEWS

*To the members of the IOC
of the ECTP*

Dear Colleagues,

Welcome to the yearly issue of the ECTP Newsletter, that keeps us in contact and informed in between IOC meetings. This issue is slightly delayed with respect to normal timing, to bring you updated information on the review process of abstracts submitted to ECTP 2008 and on the decisions regarding the Awards.

In various occasions during the last three-year period, I have tried through these Editorials to stimulate some internal discussion on generic topics of potential interest, namely the future of the IOC, our decision-making process, the selection process for the location of the next ECTP and other related items that often find little time for consideration in the few hours of a meeting during the conference.

As you may have noticed from the circulated emails, there seems to be limited interest in the follow up discussion of such topics, with a limited number of IOC members reporting their views either in favor or against the suggestions. Many of you seem to prefer to tackle these problems in the face-to-face meeting occurring during the ECTP. There is nothing wrong with such an approach, but we have to consider that the meeting is often limited to a couple of hours with a fair portion taken up by practical decisions of immediate concern. Personally I remain of the opinion that the time in between conferences is a good one to evaluate and consider problems of wider nature that might need a broader exchange of ideas than it is possible in a time constrained meeting, considering also that for different reasons some members might not be able to attend the IOC meeting while they may be available for an email consultation that gives everybody time to consider the topics in depth.

I hope we can further consider these matters in the forthcoming IOC meeting in Pau and find appropriate solutions.

Francesco Righini

TOWARD ECTP 2008

The preparation for the 18th Edition of the European Conference on Thermophysical Properties (ECTP 2008) that will be held in Pau, France from August 31st to September 4th, 2008 is proceeding at full rate. As previously indicated, four groups jointly participate in the organization of the event, namely the University of Pau (France), the University of Bordeaux (France), Constantine the Philosopher University in Nitra (Slovakia) and the Institute of Physics, Slovak Academy of Sciences in Bratislava (Slovakia). The conference will be located on the campus of the University of Pau. The “get-together” event on Sunday evening will be held in the Casino of Pau, located downtown.

The profile of the conference has been outlined and the various roles of the members of the organizing committee have been agreed. In particular Ludovit Kubicar will chair the solids part, while Antoine Baylaucq will be in charge of the fluids part.

More than 500 abstracts concerning both fluids and solids from around 45 different countries were submitted for presentation at the event. Their subdivision and the related presentation wishes of authors are summarized in the following table.

	Wishes		
	Fluids	Solids	TOTAL
Oral	126	75	201
Indifferent	79	68	147
Poster	111	67	178
TOTAL	316	210	526

In relation to the large number of submitted abstracts, the reviewing was performed with the help of an extended scientific committee composed of the local organizing committee, of members of the ECTP International Organizing Committee as well as some other well known international scientists (14). After the evaluation, 494 contributions have been accepted, around 300 related to fluids and about 200 concerning solids. Finally around 200 abstracts were accepted for oral presentations and nearly 300 as posters.

	Fluids	Solids	TOTAL
Accepted Oral	120	87	207
Accepted Poster	178	109	287
Rejected	18	14	32
Total Accepted	298	196	494

In order to give an idea about the review process, the following table shows the final decisions versus the initial wishes of the contributors. Most of the desires of the authors have been taken into account.

	Fluids			
		Wishes		
		I	P	O
Accepted Oral	120	25	1	94
Accepted Poster	178	46	106	26
Rejected	18	8	4	6

	Solids			
		Wishes		
		I	P	O
Accepted Oral	87	30	1	56
Accepted Poster	109	33	59	17
Rejected	14	5	7	2

Table legend: O=oral; P=poster; I=indifferent

As indicated, the conference program will consist of both oral and poster presentations. According to the number of accepted oral presentations, the conference should run with four oral sessions in parallel everyday. Due to the high number of poster contributions, several poster sessions will be scheduled during the conference. The conference will start with three plenary lectures. Two of them have already been chosen. The third one will cover a topic in the solids area:

- F. Montel (TOTAL): Thermophysical Properties of Reservoir Fluids: New Challenges for the Petroleum Industry

- A. Laesecke (NIST): 100 Years Liquefaction of Helium - A Breakthrough in Thermophysical Properties Research and Its Contemporary Significance

Moreover, each morning session will start with a keynote lecture with a 30 min talk. These presentations will be chosen among the oral contributions accepted by the scientific committee. The morning sessions will finish with short workshops on the scope of the session conducted by the session chairman. The conference will include a social event planned on Tuesday afternoon in order to make attendees interact in a less formal environment.

After the conference, authors will have the possibility to submit their manuscripts to one of the following mainstream journals:

- International Journal of Thermophysics
- High Temperatures - High Pressures
- Journal of Chemical and Engineering Data

The procedure for publishing in the Journal of Chemical and Engineering Data has already been defined whereas details are currently being discussed with the editors of High Temperatures - High Pressures and of the International Journal of Thermophysics. The website will be updated with this information as soon as agreement with these journals is reached.

All the relevant information about the event is available on the website

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

which is also used to manage the abstract submission, review process, registration,...

Please check it often for updates on the event.

We are looking forward to meet all of you again in Pau at the ECTP 2008.

J. L. Daridon, L. Kubicar, A. Baylaucq

INFORMATION

This section contains items of potential interest to all the IOC members and to the thermophysics community in general:

Proceedings of 17th ECTP.

This is a summary of the various Special Issues devoted to papers presented at the 17th European Conference on Thermophysical Properties (Bratislava, Sept 2005) that have been published.

International Journal of Thermophysics: Volume 27, number 4 (July 2006) and Volume 27, number 6 (November 2006).

Fluid Phase Equilibria: Volume 245, issue 1 (July 2006).

High Temperatures High Pressures: two papers in issue 5 and four papers in issue 6. Volume 35-36 (2003-2007).

High Temperatures High Pressures.

Old City Publishing, based in Philadelphia, PA, USA has recently acquired from Pion (London, UK) the journal High Temperatures High Pressures.

The new co-editors are Ivan Egry (Institut fuer Materialphysik im Weltraum, DLR, Koeln, Germany) and Jean Francois Sacadura (INSA Lyon, France). They are helped by a number of regional Editors and by an Advisory Editorial Board representing a broad spectrum of the thermophysics community.

The journal has been re-launched with the first issue (Volume 37, issue 1) published in March 2008. It is a Special Issue devoted to papers from the 8th Asian Conference on Thermophysical Properties, held in Japan in August 2007.

The publication process has been optimized by implementing an electronic submission and refereeing system. Full details on submissions and subscriptions are available at <http://services.bepress.com/hthp/> and at <http://www.oldcitypublishing.com/HTHP/HTHP.html>.

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Awards. After the selection process, IOC members have recently completed voting on the Awards to be assigned in 2008. Akira Nagashima (Japan) is the recipient of the ECTP Lifetime Award and Jeurgen Brillo (Germany) will receive the ECTP-Netzsch Young Scientist Award. Congratulations to the winners!

Comments. Comments and suggestions regarding all the items of the Newsletter are welcome. Please send the material via email to f.righini@inrim.it