



# ***NEWSLETTER***

## ***IMEKO Technical Committee 12***

c/o Francesco Righini  
INRIM Istituto Nazionale Ricerca Metrologica  
Strada delle Cacce, 73-91 - 10135 Torino, Italy  
tel + 39 011 3919742 fax + 39 011 3919747  
e-mail: f.righini@inrim.it

### **TO THE MEMBERS OF IMEKO TC12**

Dear Colleagues,

welcome to the usual appointment with the semi-annual Newsletter that brings you up to date with TC12 activities.

As previously announced, for the next edition of our main event we will join forces with another conference organizing together TEMPMEKO-ISHM 2010. The first article provides information on the work that has been done related to this topic. The Call for Papers for this joint event is due soon and we hope that all of you will be making plans both to contribute and to attend this joint effort.

Some sessions on TC12 topics are scheduled at the forthcoming XIX IMEKO World Congress in September 2009, along with an "open TC12 meeting". Details can be found in the second article.

You might be interested in a short summary of the Proceedings of TEMPMEKO 2007, that were published in five Special Issues of the International Journal of Thermophysics. Details are provided by the Proceedings Editor. The section on TC12 News with updated information on the membership concludes this issue.

*Francesco Righini*

### **FUTURE EVENTS**



Joint International Symposium on  
Temperature, Humidity, Moisture and Thermal  
Measurements in Industry and Science

**May 31<sup>st</sup> - June 4<sup>th</sup> 2010**  
**Portorož, Slovenia**

The first joint event of TEMPMEKO and ISHM is only one year away.

The TEMPMEKO Symposia have been held regularly since 1981. Over the past twenty-eight years, attendance has grown appreciably, and the Symposium now attracts in excess of 200 delegates from more than 35 countries. On the other hand, the International Symposium on Humidity and Moisture - ISHM has been a relevant forum for the discussion of research, development and applications in the field of humidity and moisture measurement since 1963. All the previous symposia were successful and provided a high quality program to the participants. The Symposia greatly contributed to the development of the humidity and moisture measurement science and technology.

According to their regular schedules, the next editions of the International Symposium on Humidity and Moisture (ISHM) and of the International Symposium on Temperature and Thermal Measurements in Industry and Science (TEMPMEKO) should be held in 2010. A significant group of people attends both meetings, which makes it difficult to participate at both events, if held at different places. The responsible committees, CCT/WG6 and IMEKO/TC12, have therefore decided to organize a joint event in 2010.

All the necessary steps have been taken to organize a conference which will represent the most significant event in the next year both for IMEKO/TC12 and for CCT/WG6.

The conference will be held in the coastal city of Portoroz (Slovenia) in the Bernardin Hotel from May 31<sup>st</sup> (Monday) until June 4<sup>th</sup> (Friday). There will be ample time before and after the event for collateral meetings. All the information for the potential participants and exhibitors are available from the website <http://www.tempmeko-ishm.org/>. Additional specific information may be obtained from the organizers by emailing [info@tempmeko-ishm.org](mailto:info@tempmeko-ishm.org).

The event itself is organized by the Slovenian national laboratory for thermodynamic temperature and humidity MIRS/UL-FE-LMK as a part of University of Ljubljana, Faculty of Electrical Engineering and in close co-operation with Slovenian Society for Process Control and Measurement, which is the member organization of IMEKO.

The members of the Steering Committee (SC) of the event are Stephanie Bell (NPL) chair of CCT/WG6, Francesco Righini (INRIM) chairman

of IMEKO TC 12 and Jovan Bojkovski (MIRS/UL-FE) Slovenian member of IMEKO TC 12 and representing the organising institute. The International Program Committee is co-chaired by Joachim Fisher (PTB), responsible for temperature and thermal measurements and Jeremy Lovell-Smith (MSL), responsible for humidity and moisture. The Local Organizing Committee (LOC) is chaired by Janko Drnovšek, head of MIRS/UL-FE-LMK. The LOC Scientific Secretary is Igor Pušnik.

Most of the work during the last year has been conducted behind the scenes. A formal application to organize the joint event was submitted to IMEKO in the early months of 2009. It will be discussed and formally approved by the various boards during the IMEKO meetings in Lisbon next September. Appropriate contacts have taken place to form a distinguished IPC, including significant personalities in the areas of temperature, humidity, moisture and thermal measurements. We are pleased to announce that the Proceedings will again be published in the International Journal of Thermophysics, with fully refereed articles appearing in five Special Issues.

The First Announcement and Call for Papers will be mailed during this month to all participants of TEMPMEKO 2007 and ISHM 2006 and to other names available in the extended mailing list. Please pass these PDF files along to any interested colleague of yours to assist in promoting the joint event.

We expect to welcome you all in Portoroz, Slovenia.

*Janko Drnovšek*

*LOC Chairman, TEMPMEKO-ISHM 2010*



## ***TC12 Sessions at the IMEKO World Congress***

The organization of the IMEKO World Congress (WC) in September 2009 (Lisbon, Portugal) has entered its final stages. Full and updated information on the event may be found at

<http://www.imeko2009.it.pt/>

Thirtytwo contributions on temperature and thermal measurements were accepted for presentation. The sessions devoted to TC12 topics are currently being organized. Present plans indicate four possible oral sessions for a total of twenty contributions dealing with i) fixed points ii) pyrometry, iii) calibrations and intercomparisons and iv) applications. Twelve additional papers will be presented as posters.

An informal open meeting related to TC12 activities will be held during the event and everybody interested in our work is welcome to attend.

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## ***TC12 News***

### ***New TC12 member.***

Prof. Milan Petrovic, Faculty of Mechanical Engineering, University of Belgrade, Serbia has recently joined the Committee and is warmly welcome.

## **PAST EVENTS**



**21-25 May 2007**

**Lake Louise, Alberta, Canada**

**[www.tempmeko2007.org](http://www.tempmeko2007.org)**

It is exactly two years since TEMPMEKO 2007 opened, and I am pleased to report that publication of the Proceedings is complete. A total of 194 papers (representing approximately 80% of the 245 oral and poster presentations) were published as five special issues of the International Journal of Thermophysics:

Vol. 28, No. 6 (December), 2007, TEMPMEKO Proceedings Issue 1, 43 papers

Vol. 29, No. 1 (February), 2008, TEMPMEKO Proceedings Issue 2, 41 papers

Vol. 29, No. 3 (June), 2008, TEMPMEKO Proceedings Issue 3, 39 papers

Vol. 29, No. 5 (October), 2008, TEMPMEKO Proceedings Issue 4, 37 papers

Vol. 30, No. 1 (February), 2009, TEMPMEKO Proceedings Issue 5, 34 papers

Distribution of the hardcopies is underway. A few additional copies remain available at \$400 CAD per set.

*Ken Hill*

*Editor, Proceedings of TEMPMEKO 2007*