



NEWSLETTER

IMEKO Technical Committee 12

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TO THE MEMBERS OF IMEKO TC12

Dear Colleagues,

I am forwarding the usual semi-annual Newsletter to keep all of you informed about developments during the last semester.

With the publication of the Proceedings late in 1999, TEMPMEKO'99 is over. It is now time to focus our interests on the next edition, TEMPMEKO 2001. The preparatory work for its organization is continuing smoothly and thanks are due to our German colleagues for their valid efforts. Please read complete details about what is going on in the following article.

Other matters of interest concerning future TEMPMEKOs and recent changes in TC12 membership are reported in the Section on TC12 News.

I am taking this occasion to send to all of you my the best wishes for your scientific activities.

Francesco Righini

TOWARD TEMPMEKO 2001

It may be surprising to you, but it is already half-time between TEMPMEKO '99 and TEMPMEKO 2001. The schedule for the next conference has been fixed. In its first meeting on 27 October 1999, the National Organising Committee confirmed all dates for TEMPMEKO 2001 as outlined previously at the TC12 meeting on June 4, 1999 in Delft. The Call for Papers has been distributed in March 2000 using a mailing list with about 1350 entries and also at different temperature related meetings. All of you should have received a copy. If not, please send an E-mail to tempmeko@vdi.de or have a look in the web at www.vdi.de/gma/tempmeko2001.htm.

The conference will be held on June 19-21, 2001 in Berlin, Germany. The most important deadlines are as follows:

- Abstracts due: September 30, 2000
- Acceptance: December 10, 2000
- Full papers due: April 01, 2001.

The aim of the conference is to present new techniques of measurement and new results in thermometry, humidity and thermal measurements. The scope covers all areas from industrial applications and new sensors to improvements of the International Temperature Scale and the fundamental realisation of standards, with a range from the temperature of liquid helium to the application of high-temperature radiation thermometers. The topics of the conference can be classified into five categories:

- Instrumentation and Methods
- Fundamental Aspects and Standards
- Traceability and Dissemination
- Sensors
- Applications in Thermometry and Humidity

The invitation to attend the conference is extended to everybody interested in temperature, humidity or thermal measurements. Participants are expected from industry, calibration services, universities and national metrology institutes.

As suggested in discussions during the last TC12 meeting, each abstract and each full paper will be refereed by at least 2 (usually 3) referees. The referees for the abstracts will be preferably the members of the International Program Committee (IPC). Due to the large amount of work, the IPC has been enlarged to 26 members. New members of the IPC were chosen preferably from industry and from fields like humidity measurements, in order to have all topics of the conference represented in the IPC. It is the aim of the organisers to increase the number of contributions in the field of applications. The members of the IPC will be asked for proposals for invited talks in the near future.

The organisation of the conference is a joint venture of VDI/VDE (GMA), an engineering society and German member organisation in IMEKO, and PTB, the German National Metrology Institute. GMA has a lot of experience in organising conferences and will manage all mailings and the financial situations, while PTB is the organisation to deal with the scientific and

technical program. The conference will be held at a public

convention facility (Urania) close to the centre of Berlin, where usually popular scientific presentations are given.

While the general framework of the Symposium is fixed, many details still have to be decided. Among this is the question if the Proceedings should be printed as a book or distributed on a CD-ROM. The trend obviously goes to the CD-ROM, but thermometrists are very conservative, and it is of course much more comfortable to read in a book than on a screen. You are welcome to send us your opinion.

We look forward to meet again all of you at TEMPMEKO 2001.

*Joachim Fischer
Erich Tegeler*

TC 12 NEWS

Organization of future TEMPMEKOs.

The year preceeding the date of TEMPMEKO 2001 (June 2001) is traditionally devoted to informal discussions among TC12 members regarding the next edition of TEMPMEKO. If we follow the typical triennial calendar, the future TEMPMEKO should take place in 2004. Since the large conference held every ten years in North America (Temperature. Its Measurement and Control in Science and Industry) is planned for mid-October 2002 in Chicago, a date in the second half of the year 2004 seems adequate. In this way the various events are not in conflict and there is also no overlap with the next IMEKO World Congress, planned for the year 2003 in Dubrovnik, Croatia.

Regarding the organization of the next TEMPMEKO Symposium, feelers of interest from all members of TC12 and other interested parties are welcome. Potential organizers should contact as soon as possible the TC12 Chairman with their suggestions. Informal discussions among TC12 members will be held in the first semester of 2001, so that a decision regarding TEMPMEKO 2004 is reached and communicated to the attendees of TEMPMEKO 2001 at the end of the event.

New members of TC12.

Several changes in the membership of TC12 occurred in recent months.

Dr. Mark **Ballico**, CSIRO National Measurement Laboratory, is the new member from Australia.

Prof. Milan **Borovicka**, University of Technology, Trnava, Slovakia, has joined the Committee.

Prof. Carlos Nieto **de Castro**, University of Lisbon, Portugal, has joined the Committee.

Mr. Jan-Ulrik **Holtoug**, Danish Technological Institute, is the new member from Denmark.

Dr. Jacek **Kucharski**, Politechnika Lodzka, is the new member from Poland.

Dr. Moises **Tischler**, Instituto Nacional Tecnologia Industrial, Argentina, has joined the Committee.

Dr. Sevilay **Ugur**, Ulusal Metroloji Enstitüsü, is the new member from Turkey.

We extend a cordial welcome to all the new members and send many thanks to the persons that they replaced, for all their work in previous years on behalf of the TC12 Committee.