



# NEWSLETTER

## IMEKO Technical Committee 12

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### TO THE MEMBERS OF IMEKO TC12

Dear Colleagues,

this will be the last issue of the Newsletter reaching you before TEMPMEKO '96. The TC12 meeting to be held immediately after the Symposium will be a good occasion to review the work of the last three years, to plan new activities and to meet the new members that have joined recently TC12.

During the last two years two different databases have been implemented to support TC12 activities. One is a large database with the names of persons potentially interested in events related to temperature and thermal measurements. It contains the names of all attendees of previous TEMPMEKOS (when mailing lists were available) and additional names taken from attendance lists of related conferences in thermal measurements. A second smaller database is used to mail this Newsletter. It contains the names and addresses of TC12 members, of EUROMET members and of the members of the International Program Committee of TEMPMEKO '96. I am considering the possibility of a new section in this second database, tentatively called "friends of TC12". These people should receive regularly the TC12 Newsletter (mailed twice a year) so that they are kept up to date on our activities. The "friends" could include former members of TC12 and other people with important scientific interests in temperature and thermal measurements. I am soliciting your help in the identification process, keeping in mind that the list cannot have very large proportions (on account of the mailing costs) and at the same time to be effective it should try to reach both the laboratories and the persons playing key roles in the fields of temperature and thermal measurements in different countries. Any suggestion you might have regarding this matter will be welcome.

The preparatory work for TEMPMEKO '96 is proceeding smoothly; details are available in the next article. I am looking forward to meet many of you during TEMPMEKO '96.

*Francesco Righini*

### TOWARD TEMPMEKO '96

All of you should have received the Second Announcement and Preliminary Programme of TEMPMEKO '96 that was mailed in May. In case you have not received it, please get in contact and a copy will be sent immediately.

The keynote lecture of TEMPMEKO '96 will be called the "Luigi Crovini lecture" in memoriam of the former Director of IMGC and member of the International Programme Committee of TEMPMEKO '96. This invited lecture will be delivered by Dr. T. J. Quinn, Director of BIPM, who will talk about *The CCT and temperature measurement today*. The programme also includes four additional invited lectures given by prominent scientists on a range of different topics in the field of temperature and thermal measurements. The other invited speakers (and the subject of their contributions) are:

- H. J. Jung, PTB, Germany (*On the determination of the thermodynamic temperature of high temperature blackbodies via ITS-90 or alternative methods*)
- C. Bassani, EU JRC Ispra, Italy (*Heat pipes in thermal measurements*)
- T. E. Fairley, EU DGXII, Brussels, Belgium (*Projects on temperature in the Standards, Measurements and Testing [SMT] programme*)
- P. Huang, NIST, USA (*Determining uncertainties in standard dew/frost-point generators for humidity measurements*)

You might have noticed that the large number of papers made it mandatory to have parallel session throughout the Symposium, with the exception of the first session and of the invited lectures. Every effort was made to have in parallel topics of wide different nature, but some of you might find possible conflicts. We are sorry for this problem, but it is an inevitable price to pay as soon as the number of contributions becomes large. There will be two different poster sessions (on Tuesday afternoon and Wednesday afternoon). Small changes and modifications have of course occurred since the printing of the Preliminary

Programme. The situation at the beginning of June can be summarized as follows:

- invited papers 5
- oral presentations 68
- poster presentations 73

The following tables present a geographical distribution of the received abstracts. The first table indicates how many papers were received from each continent (papers with authors from institutions in different countries are counted under international collaborations):

<i>Geographical area</i>	<i>Number of abstracts</i>
Europe	76
Asia	30
America	15
Oceania	6
Africa	1
International collaborations	18
Total abstracts	146

The second table shows the distribution of abstracts per country without taking into account the international collaborations (only countries with 5 or more papers are listed):

<i>Country</i>	<i>Number of abstracts</i>
European countries:	
Italy	16
Germany	13
United Kingdom	13
Russia	7
Ukraine	7
Poland	7
other countries	13
Asian countries:	
Japan	9
China	6
other countries	15
American countries:	
USA	9
other countries	6
Oceanian countries:	
New Zealand	5
other countries	1

## **TC 12 NEWS**

### ***New member from Denmark.***

Mr. I.B. Wessel has retired from the Danish Technological Institute (DTI) and from TC12 activities. We wish him a serene retirement and thank him for his work and support of TC12 activities. His responsibilities at DTI will be taken over by Mr. Jan Nielsen, who has also agreed to continue the cooperation with TC12.

### ***Technical Committees (TC) Rules.***

I have recently received from the IMEKO Secretariat details regarding the specific by-laws of TCs. They are reported here so that all of you are aware of them:

#### ***3.8.2 Membership of TCs***

A member of a TC is selected for expert competence in the technical discipline of the TC. The member acts as an individual and not as the representative of a Member Organization (MO) or any other organization except IMEKO. Candidates for membership in a TC may be proposed to the Technical Board (TB) by the Chairman of an existing TC, a MO or an Officer of IMEKO. The TB shall notify the relevant MO of a proposed candidate. The relevant MO may endorse or otherwise comment on the candidacy. All TC members must be approved by the TB and shall serve voluntarily without compensation from IMEKO. The term of service of a member of the TC is not limited. A member may be recalled by the President if his activity is not in agreement with the Constitution and By-Laws of IMEKO.

#### ***3.8.3 Officers of the TC***

The Officers of a TC are:

- a) a Chairman
- b) a Deputy Chairman
- c) a Scientific Secretary

The Officers are appointed by the General Council (GC) on the recommendation of the TB and with the endorsement of the relevant MO. No two Officers of a TC may be endorsed by the same MO. The term of office is nominally three years terminating at the end of the closest GC Session. Officers may be reappointed not more than twice upon recommendation of the TB and with the endorsement of the relevant MO.

#### ***3.8.4 Voting in TCs***

Decisions require a simple majority of those voting, with not less than one quarter of the membership present at the TC Session. The IMEKO and GC shall not be responsible for any expense in connection with the TCs' activities.