



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.

The preparatory work for the organization of TEMPMEKO '99 is continuing smoothly and the valid efforts of our colleagues from The Netherlands have produced a record number of abstracts of good scientific quality. All signs so far indicate that the next TEMPMEKO Symposium will receive strong support from the temperature and thermal measurements community. Many congratulations to Piet Bloembergen (Chairman of the IPC), to Martin Degroot (Chairman of NOC) and to their collaborators for a good effort.

A slight adjustment of dates of future TEMPMEKO Symposia is probably necessary to avoid conflicts and overlaps with other events: details are available in the section on TC12 News.

Other matters of interest like the organization of specialized events or activities in different geographical regions are reported in the Section on TC12 News.

I am taking this occasion to send to all of you and to your families the best wishes for the Holiday Season.

Francesco Righini

TOWARD TEMPMEKO '99

The work in preparation of TEMPMEKO '99 has continued smoothly and efficiently with regular meetings of the NOC and other activities.

The response from authors and prospective participants has been very encouraging with a wide response from the temperature and thermal measurements community. A total of 184 abstracts has been received with the following geographical distribution:

<i>Geographical area</i>	<i>Number of abstracts received</i>
Western Europe	76
Eastern Europe	48
Norh America	24
Middle and South America	7
Australasia	26
Africa	3
Total abstracts	184

Responses from the various areas clearly indicate that the conference has widespread appeal and is now a truly international event. The abstracts have the following distribution by topic:

<i>Topic</i>	<i>Number of abstracts received</i>
Fundamental aspects and standards	30
Radiation thermometry	64
Traceability and dissemination	22
Applications	6
Methods and sensors	32
Humidity	18
Thermal measurements	12

The abstracts have been reviewed and authors have been informed at the end of November. Please note that there is a new deadline for manuscripts. **The Organizers must receive the complete manuscripts by April 10, 1999.**

Other matters of interest:

- the second Announcement is in preparation and will be mailed toward the end of the year
- invitations for the Exhibition have been sent and the first Exhibitors contacted

- a new website is available: **www.tempmeko.nl** It contains updated information about the event with full details on different topics. All persons interested in the event should regularly consult the site for news.
- the Symposium will receive support from the Dutch FOM Foundation, an organization that carries out fundamental research in physics in The Netherlands

We look forward to meet again all of you at TEMPMEKO '99.

TC 12 NEWS

Organization of future TEMPMEKOs.

The months from now to the date of TEMPMEKO '99 (June 1999) are 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 2002. Information has circulated recently that the next edition of 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. The temperature and thermal measurements community is better served by events not overlapping each other and therefore a reasonable suggestion seems to hold TEMPMEKO Symposia bracketing this large event, that is an established tradition of the temperature community. Dates presently in consideration are May-June 2001 for TEMPMEKO 2001 and sometime in 2004 for TEMPMEKO 2004. In this way the various events are not in conflict and there is also no overlap with the future IMEKO World Congresses, that are planned for the years 2000 (Vienna, Austria) and 2003 (Dubrovnik, Croatia). Comments and suggestions in these topics from all TC12 members are welcome.

Regarding the organization of the next TEMPMEKO Symposium, some feelers of interest have already been received from two persons in different European countries. Further contacts are necessary before any decision is taken.

Organization of other events.

The big efforts going into the organization of the large TEMPMEKO Symposia and the positive response from the temperature community should be an added incentive for individual TC12 members to consider and organize in their respective countries specialized events (workshops, seminars,...), catering to specific needs or to regional interests. The recognition of the good scientific work presented in the TEMPMEKO

Symposia and the scientific contacts established in these occasions should be very helpful in providing a sound base for these events.

Suggestions and proposals are welcome.

TC12 activities in different geographical regions.

TC12 activities started slowly and gradually in Europe in the late 1970s through the efforts of colleagues that established the original contacts and promoted the first events, often with strong personal commitment. Now TC12 has 23 members from all continents, but the main activities are still European based. The time is probably ripe for efforts in other geographical areas, but this requires that individual TC12 members consider carefully the local situation and the related possibilities, maybe starting with small events tailored to the needs and expectations of their geographical region.

I would like to encourage this geographical spread out of activities under the umbrella of TC12, but this requires a personal assumption of responsibility for the event by the local TC12 member, because he/she is the only one with a detailed understanding of the local situation. I would also like to point out that activities in complementary research areas (like thermophysical properties) have now achieved a large geographic spread and they often list temperature measurements as complementary interests. It is therefore one of the primary interests of an organization mainly interested in temperature measurements (like TC12) to occupy the scientific space before the ground is taken up by other organizations.
