



NEWSLETTER

IMEKO Technical Committee 12

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TO THE MEMBERS OF IMEKO TC12

Dear Colleagues,

the usual semi-annual Newsletter will try again to keep all of you informed about developments during the last semester.

Much work was done during these months in preparation for TEMPMEKO'99. The main part of this Newsletter will provide details about developments and activities in this matter. Congratulations and thanks are due to P. Bloembergen (Chairman of IPC), to M. de Groot (Chairman of NOC) and to their collaborators for a tremendous organizational effort. It would be of great help if everybody receiving this Newsletter would spread the news about this event, informing people with potential interests in the fields of our activities.

Information on other items of potential interest in the areas of temperature and thermal measurements taking place in the IMEKO World Congresses completes the information.

Francesco Righini

TOWARD TEMPMEKO '99

The work in preparation of TEMPMEKO '99 organized by NMi-VSL has now entered its crucial phase. The Symposium will take place in the historic town of Delft, The Netherlands on June 1-3, 1999 (Tuesday to Thursday). There will be registrations and a get together party on May 31 (Monday afternoon) and a visit to NMi-VSL is planned for Friday June 4. The Symposium will be held back-to-back with the CCT meeting, scheduled in Paris in the following week (June 8-10). The First Announcement and Call for papers have been mailed to all the names included in the Symposium database.

The topics of interest of the Symposium, to be covered by fully refereed scientific papers, are:

- Fundamental Aspects and Standards
 - Thermodynamic Temperature Determinations
 - Temperature Scales and Fixed Points
 - Primary and Transfer Standards
 - Humidity
 - Fundamentals
 - Standards
 - Traceability
 - Industrial Measurement Practice
 - Sensors
 - Traceability and Dissemination
 - Inter-laboratory Comparison
 - Calibration Procedures and Facilities
 - Applications
 - Industrial Applications and Temperature Control
 - Applications in Science
 - Applications under Special Conditions
 - Methods and Sensors
 - Thermo-electric and Resistance Thermometry
 - Radiation Thermometry
 - Noise, Acoustic and Electronic Thermometry
 - Optical-fibre Thermometry
 - New Temperature Sensors
 - Thermal Measurements
 - Heat Flux Measurement
 - Thermo-physical Property Measurement
- The important deadlines of the Symposium are:
- Submission of Abstracts** *September 28, 1998*
 - Acceptance of Abstracts** *November 28, 1998*
 - Manuscript due** *February 28, 1999*
 - Revised manuscript (after refereeing) due** *August 28, 1999*

If you did not receive the First Announcement it means that your name is missing from the database. Please help us in maintaining the database updated by sending all requests and information to:

TEMPMEKO'99 Secretariat
 NMi Van Swinden Laboratorium BV
 P.O. Box 654
 2600 AR Delft, The Netherlands
 email: Tempmeko@Nmi.nl
 tel: +31 15 2691567
 fax: +31 15 2691585

If you know of other people potentially interested in IMEKO TC12 events, please send also their coordinates so that appropriate information can be included in the database.

Additional information is available on the Internet by consulting the following sites:
<http://www.nmi.nl> (TEMPMEKO'99)
<http://mit.tut.fi/imeko> (IMEKO)
<http://www.monument.delft.nl/sobowon/dmd/englis/h/fra-dmd.htm> (city of Delft)

The organization of TEMPMEKO'99 will be under the responsibility of the National Organising Committee (NOC) that is composed as follows:

<i>Toy Aalbers</i>	<i>NMi - VSL</i>
<i>Gerard Bart</i>	<i>TU Delft</i>
<i>Pieter Bloembergen</i>	<i>NMi - VSL</i>
<i>Robert de Bruijn</i>	<i>NMi - VSL</i>
<i>Bart Danen</i>	<i>Instrument Users' Assoc</i>
<i>Jaco Dubbeldam</i>	<i>NMi - VSL</i>
<i>Martin de Groot</i>	<i>NMi - VSL, NOC Chair</i>
<i>Tiny Martens</i>	<i>Philips Semiconductors</i>
<i>Claudia Mulder</i>	<i>NMi - VSL</i>
<i>Rienk Oldenkamp</i>	<i>Thermo Electric Intern.</i>
<i>Kees Schurer</i>	<i>IMAG - DLO</i>
<i>Marion Rida</i>	<i>NMi - VSL</i>
<i>Jan Waldus</i>	<i>Waldus Consultancy</i>

The scientific organization of TEMPMEKO'99 will be under the responsibility of the International Organising Committee (IPC) that is composed as follows:

<i>J. Ancsin</i>	<i>NRC, Canada</i>	<i>Member TC12</i>
<i>F. Bernhard</i>	<i>TU Ilmenau, Germany</i>	<i>Member TC12</i>
<i>P. Bloembergen</i>	<i>NMi-VSL, The Netherlands</i>	<i>Member TC12, Chairman IPC</i>
<i>G. Bonnier</i>	<i>CNAM, France</i>	<i>Member TC12</i>
<i>D. Dewitt</i>	<i>Purdue Un., USA</i>	<i>Member TC12</i>
<i>M. E. Filipe</i>	<i>IPQ, Portugal</i>	<i>Liaison Euromet</i>
<i>M. de Groot</i>	<i>NMi-VSL, The Netherlands</i>	<i>Chairman NOC</i>
<i>M. Kuehne</i>	<i>PTB, Germany</i>	<i>Liaison OIML</i>
<i>T. Kovacs</i>	<i>OHM, Hungary</i>	<i>Member TC12</i>
<i>B. Mangum</i>	<i>NIST, USA</i>	<i>Liaison ASTM</i>

<i>L. Michalski</i>	<i>TU Lodz, Poland</i>	<i>Member TC12</i>
<i>Zhao Qi</i>	<i>NIM, China</i>	<i>Member TC12</i>
<i>T. J. Quinn</i>	<i>BIPM</i>	<i>Liaison BIPM</i>
<i>C. Rhee</i>	<i>KRISS, Korea</i>	<i>Member TC12</i>
<i>F. Righini</i>	<i>CNR-IMGC, Italy</i>	<i>Chairman TC12</i>
<i>N. Robinson</i>	<i>CSIR-NML, South Africa</i>	<i>Member TC12</i>
<i>R. Rusby</i>	<i>NPL, United Kingdom</i>	<i>Liaison TPAC</i>
<i>R. White</i>	<i>IRL, New Zealand</i>	<i>Member TC12</i>

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

Pieter Bloembergen

IMEKO NEWS

Two IMEKO World Congresses are planned for the next years.

IMEKO - XV "Measurement to Improve the Quality of Life in the 21st Century" will take place at the Asia and Pacific Trade Center, Osaka, Japan on June 13-18, 1999. The technical program related to TC12 activities includes two sessions:

1. measurements for the preservation of the environment
2. measurements for amenity

Extended abstracts are due by June 30, 1998. Notification of acceptance is by September 15, 1998 and full papers are due by December 31, 1998. Anyone interested in additional details can consult the following sites:
<http://imeko99.mecha.osakafu-u.ac.jp>
<http://www.nrlm.go.jp/IMEKO/IMEKOJAPAN99.html>

IMEKO - XVI "Measurements Enable Technology and Science" will take place in Vienna, Austria on September 25-28, 2000. Technical sessions have not yet been defined.

General information about this congress can be obtained by contacting the following address:
 Abt. Austauschbau u. Messtechnik
 Technische Universitat Wien
 Karlsplatz 13/3113
 A - 1040 Wien, Austria
 tel +43 1 588013189 fax +43 1 588013184
 email durakbasa@eftuv1.tuwien.ac.at