

NEWSLETTER

IMEKO Technical Committee 12

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TO THE MEMBERS OF IMEKO TC12

Dear Colleagues,

welcome to the semi-annual TC12 Newsletter with details of past and future activities. This issue starts with a short report on the IMEKO World Congress (WC), that took place in Dubrovnik-Cavtat in late June. The WC was held in the same Hotel that will host TEMPMEKO 2004 and it was a pleasant experience. TC12 activities were well represented and received appropriate recognition. Details are available in the following article.

The preparatory work for our most important event, TEMPMEKO 2004, has been going on at full speed. Thanks are due to our Croatian friends for their big efforts. The response for the temperature, humidity and thermal measurements community has surpassed all expectations with more than 260 submitted abstracts. Please check regularly the TEMPMEKO 2004 website for updated information. Starting on page 2, an article from the Organizer provides you with all the details and with some relevant statistics.

I would also like to direct your attention to the new TC12 web site at www.imeko.org/tc12, that has now been operational for some months. As indicated previously, the web site contains recent copies of the TC12 Newsletter that can be freely consulted and/or downloaded as a pdf file. In relation to the availability online of the Newsletter, this will be the last issue distributed generically to all of you by post. There will be a transition to electronic distribution in the future. Each group included in the TC12 database with this issue receives a letter that indicates the planned changes and the actions necessary to continue to receive regularly the personal copy of the Newsletter in your mailbox.

Other topics of interest concerning information on TC12 membership and future TC12 events are reported in the Section on TC12 News.

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

Francesco Righini

XVIIth IMEKO World Congress

The triennial IMEKO World Congress took place in Dubrovnik-Cavtat, Croatia on June 22-27, 2003. The scientific program related to TC12 topics (temperature, humidity and thermal measurements) included four oral sessions on basic thermometry (4 papers), applied thermometry (4), radiation thermometry (6), thermal measurements (3) and one poster session (11 papers on miscellaneous topics) for a total of 28 presentations. All the oral sessions were lively and very well attended with interesting discussions among participants. During the World Congress, TC12 also presented a large poster summarizing its 25 years of activity.

The IMEKO Officers gave indirect recognition of their appreciation of TC12 activities by different appointments :

- Huseyin Ugur, the delegate of the Turkish Member Organization and the Chairman of the Consultative Committee on Thermometry (CCT) of BIPM, was chosen as the President-Elect of IMEKO. He will chair the Technical Board in 2003-2006, take the position of President in 2006-2009 and become Chairman of the Advisory Board in 2009-2012.
- Frank Bernhard, former Chairman of TC12, was presented with one of the Distinguished Service Awards of IMEKO.
- Francesco Righini, current Chairman of TC12 and delegate of the Italian Member Organization, was re-elected to the Advisory Board (AB) and nominated Secretary of the AB for 2003-2006.

TEMPMEKO 2004

9th International Symposium on Temperature and Thermal Measurements in Industry and Science
22 - 25 June 2004

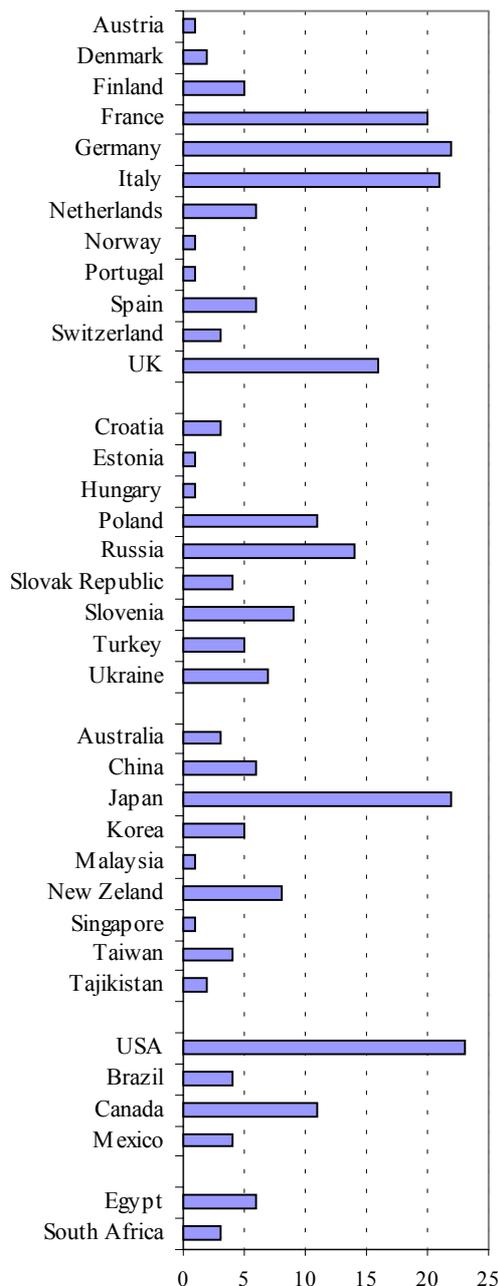
Cavtat-Dubrovnik, Croatia

www.tempmeko2004.fsb.hr

Carpe Diem, we say, as the preparations for TEMPMEKO 2004 are fully under way.

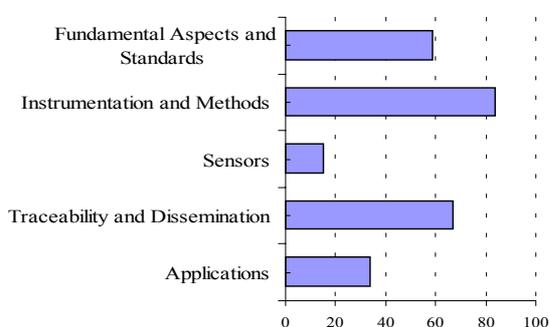
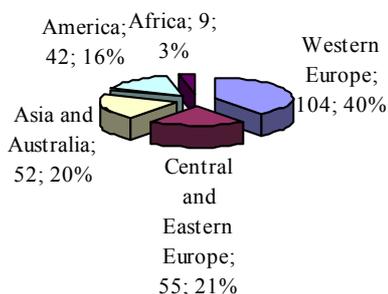
The Organizers have received more than 260 abstracts from the temperature, humidity and thermal measurements community, with the geographical distribution indicating a truly international event. The following tables and charts, prepared in relation to the corresponding author, provide informative details on the number of submitted abstracts and on their distribution. It should be remembered that several abstracts describe inter-comparisons and are therefore truly international contributions.

Western Europe			
Austria	1	Norway	1
Denmark	2	Portugal	1
Finland	5	Spain	6
France	20	Switzerland	3
Germany	22	UK	16
Italy	21		
Central and Eastern Europe			
Croatia	3	Slovakia	4
Estonia	1	Slovenia	9
Hungary	1	Turkey	5
Poland	11	Ukraine	7
Russia	14		
Asia and Australia			
Australia	3	New Zealand	8
China	6	Singapore	1
Japan	22	Taiwan	4
S. Korea	5	Tajikistan	2
Malaysia	1		
America			
USA	23	Canada	11
Brazil	4	Mexico	4
Africa			
Egypt	6	South Africa	3



The table on the left hand column indicates the submitted abstracts by individual country and also by broad geographical region. The same information is also available in the horizontal histogram above. The pie chart in the next page presents the total geographical distribution of submitted abstract. The other horizontal histogram (next page) presents the distribution of submitted abstracts regarding the broad technical areas of fundamental aspects and standards, instrumentation and methods, sensors, traceability and applications.

Submitted Abstracts by geographical region



The members of the International Program Committee are currently reviewing the abstracts. The authors will be informed about the acceptance of their paper for presentation at the TEMPMEKO 2004 Symposium by 15 December 2003. The Organizers must receive the final manuscripts before 31 March 2004. The Abstract Volume will be available at the conference. A CD-ROM containing the non-refereed text of available manuscripts is planned. The manuscripts of the full papers will undergo peer review and those accepted will be published in the Proceedings Volume(s), available some months after the event.

Because of the large number of submitted abstracts and in view of the limited duration of the conference, a large number of papers will have to be presented as posters. All oral and poster presentations will receive equal treatment in the Proceedings and Abstracts Volumes. The decision on the oral/poster type of presentation for each paper will be made by the Organizers only after the full manuscripts have been submitted.

Many collateral activities are in preparation to complement the conference sessions. The events already scheduled include:

- EUROMET Workshop on “Uncertainty in Humidity Measurements” on the day preceding the conference (Monday)
- CCT WG5 Workshop on “Common Problems in Radiometry and Thermometry” immediately following the conference (Friday afternoon).

Other Workshops are being considered, but not yet finalized. Please consult the web site for updated details. Several international Working Groups, Projects and Technical Committees have also announced their intention to hold meetings: CCT-WG9, EUROMET Project 732, IWG on Humidity, EU-FP5 HIMERT, and IMEKO TC12.

Additional workshops and satellite meetings are very welcome and will be supported by the TEMPMEKO 2004 Organizers. The conveners are invited to contact by email tempmeko2004@fsb.hr as early as possible for appropriate logistic arrangements.

Attendees to TEMPMEKO 2004 are expected from industry, calibration services, universities and national measurement institutes. This large participation will create a good opportunity for Exhibitors from related areas to present their products and services and to meet and exchange ideas with their customers and colleagues as well as for conference delegates to review the state-of-the-art instrumentation on the market. With this scope in mind Exhibitors of temperature, thermal measurement and humidity related instrumentation and services are welcome and are invited to reserve a stand and to participate in the Exhibition that will take place during the 4 days of the TEMPMEKO 2004 Symposium. The basic preparations for the commercial exhibition have been completed. The relevant information for Exhibitors is already posted on the web, including the Invitation and Information Letters for Exhibitors in downloadable pdf format. Potential Exhibitors may also download the Exhibitor Registration Form from the conference web site and e-mail it to tempmeko2004@fsb.hr.

All communication with authors and attendees is taking place-using Internet. Please check regularly the Symposium web site for updated information: www.tempmeko2004.fsb.hr

The abundance of submitted abstracts promises to fill the four-day conference sessions with important and interesting topics. The planned workshops and many other meetings of workgroups and technical committees are signs of busy collateral activities. TEMPMEKO 2004 is therefore expected to be the focal point of the temperature, humidity or thermal measurements community.

The conference formal address is:

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Ivana Lucica 5
HR-10000 Zagreb, Croatia,
tel: +385-1-6168484
fax: +385-1-6118714
email: tempmeko2004@fsb.hr

We are looking forward to meet all of you at TEMPMEKO 2004.

Davor Zvizdic

TC 12 NEWS

Changes in TC12.

Some changes in the membership of TC12 occurred since the last Newsletter.

- Dr. Alan Steele, National Research Council (NRC), Canada, has joined the Committee, taking the place of Dr. John Ancsin from the same laboratory.
- Ms. Emese Andras, National Office of Measures (OMH), Hungary has joined the Committee, taking the place of Mr. Tibor Kovacs from the same laboratory.

Both Dr. Ancsin and Mr. Kovacs have been active members of TC12 for over 20 years, greatly contributing to the work of the Committee with their extensive scientific connections. Mr. Kovacs also served as Scientific Secretary and was the organizer of several scientific Workshops at OMH. We are greatly thankful for their time and efforts on behalf of TC12.

In Memoriam of Prof. Joseph Mc Ghee

Information was received during the recent IMEKO World Congress that Prof. Joseph Mc Ghee, a former TC12 member from the United Kingdom, passed away suddenly in early June. Prof. Mc Ghee had been associated with Strathclyde University (Glasgow, UK) and was a well known authority with large experience in the areas of process control and temperature measurements. He was also the author and co-author of several important books on temperature measurement and process control. The work of Prof. Mc Ghee was truly international, with extensive collaborations for over thirty years with Polish colleagues at the Polytechnic of Lodz and good scientific contributions in several technical areas covered by IMEKO. TC12 mourns the loss of an esteemed colleague and extends condolences to the family. The son of Prof. Mc Ghee has established a web site in memoriam of his father: all of you are welcome to visit www.joseph-mcghee.info for details and information.

TEMPMEKO 2007

A short reminder to all interested parties regarding proposals for hosting TEMPMEKO 2007.

Formal bids for the event should be submitted in writing to the TC12 Chairman in the period Dec 1, 2003 to Jan 31, 2004.

The TC12 members will evaluate the situation in the following months. The final decision should be announced during the closing session of TEMPMEKO 2004.

The TC12 Chairman is available for private contacts regarding advice and information on the bidding process and on the rules about IMEKO events. Additional information is available at www.imeko.org
