Dear All,

We are glad to present you the new online IMEKO e-Bulletin Newsletter about the latest news relating to the life of IMEKO as well as the events organized by the TCs in the year 2014.

You can visit the websites of the forthcoming events in order to obtain more details about them and learn about the news and plans of the IMEKO.

Your kind proposals, comments and requests are warmly welcomed by IMEKO Secretariat.

The recipients will receive a comprehensive overview of the latest changes and news relating to the MOs and TCs of IMEKO.

Please read this issue to get an overview what is going on in IMEKO.
NEWS

1. Long-term Strategy (the main features) of IMEKO for the period 2013-2019

2. New site of Office of IMEKO Secretariat

3. The latest news from the Member-Organizations: new representatives, new contacts

4. New TC Officers elected during the 56th GC Session and the related meetings


6. IMEKO Award Program


8. System for the central management of IMEKO events

9. Reports of 2 recent special events in the field of Metrology and Measurement Technology:

   9.1 16th International Congress of Metrology organized by the French IMEKO Member Organization, Collège Français de Métrologie (CFM) between 7-10 October 2013 in France (from the Report sent by the General Secretariat of the CFM last November)

   9.2 APMF 2013 in Taipei/Taiwan

10. TC Event Organizers in the years 2013-2014

11. Events and their details in the year 2014

12. IMEKO XXI WORLD CONGRESS in Prague 2015

13. Other news

************************************************************************
1. Long-term Strategy (the main features) of IMEKO for the period 2013-2019

The main lines of the long-term strategy of IMEKO to be considered for the coming 6 years compiled and presented by Mr. Zoltan Zelenka, the Secretary General of IMEKO during the 56th General Council Session held in London, on September 1, 2013:

The strategic goals belonging to the following topics are:

- the improvement of the structure, the organization, the operation of IMEKO
- the upgrade of the structure and operation of the Technical Committees
- the upgrade of the international recognition and scientific standing of IMEKO
- the motivation of actors in IMEKO
- the enhancement of the quality of the publications and WEB presence (WEB design and content management as well as procedures of reviewing for publications incl. proceedings).

The structure, the vision, the mission together with the goals, objectives and action plans based on timelines and persons responsible for ‘to do’ tasks.

The vision of IMEKO is being an effective worldwide organization capable of implementing successful events and providing possibilities for publications with a high impact factor.

The mission of IMEKO is complex and associated with multiple tasks. i.e.:

- the facilitation of the co-operation among scientists and engineers
- the support of the international exchange of scientific and technical information related to developments in the world of measurement and in the application of instrumentation in scientific research and industry
- effective communication (with a good feedback mechanism and review cycles at regular intervals) and policies are essential
- a yearly evaluation of the developments and changes is indispensable

This strategy is mandatory to all Officers of IMEKO in order to reach a dynamic and strong Confederation with active delegates with proactive thinking from the Member-Organizations and the Technical Committees in this – in all respect – accelerated world.

2. New site of Secretariat Office of IMEKO:

The Secretariat Office was relocated to a new site in Budapest next to the Opera House at the end of last October. The building of the old office will be renovated and used for government offices only in the future.

The address is: Dalszínház u. 10, 1st floor, No. 3 H-1061 Budapest, Hungary.
3. The latest news from the Member Organizations – new representatives, new contacts:

- **Australian MO** – National Measurement Institute (NMIA)
  They wish to leave the Confederation IMEKO

- **Chinese MO** – Society for Measurement (CSM)
  The new Secretary General is Mr. Aiwen MA instead of Mr. Wang Shunan
  China was represented by Mr. MA in the last (56th) GC Session in September 2013
  maaiwen@sina.com

- **Egyptian MO** – Egyptian Organization for Standardization (EOS)
  The new President of EOS is Dr. Hassan Abdul – Majeed
  eosite@eos.org.eg (Information Center)
  www.eos.org.eg

- **Greek MO** – Hellenic Institute of Metrology (EIM) which is the Metrology Unit of the National Quality Infrastructure System (ESYP)
  They wish to terminate their membership in IMEKO.
  New contact person: Mrs. Anna Mazaraki
  mazaraki@eim.gr

- **Hungarian MO** – Scientific Society of Measurement, Automation and Informatics (MATE) + Hungarian Chemical Society (MKE)
  The new delegate is Dr. János Zsolt Viharos
  Dr. Viharos graduated from the Budapest University of Technology and Economics (BME). He has a number of qualifications (Mathematical Engineer, Ph.D, Doctor of Philosophy, MBA) he is an expert of the Science Communication and Research Management.
  He is the project manager for the Manufacturing and Business Processes of the Computer and Automation Research Institute of the Hungarian Academy of Sciences (MTA SZTAKI) in Budapest/Hungary.
  viharos.zsolt@sztaki.mta.hu

- **Kazakh MO** – Kazakhstan Institute of Metrology (RSE)
  The Director General of RSE is Mr. Mihalchenko Vasilij Nikolaevich
Kenyan MO – Kenya Bureau of Standards (KEBS)
Mr. Dennis Moturi - Chief Manager of KEBS
dmoturi@kebs.org
www.kebs.org

Korean MO – Korea Research Institute of Standards and Science (KRISS)
The representative of KRISS is the President Dr. Dae-Im Kang
dikang@kriss.re.kr

Nigerian MO – Standards Organisation of Nigeria (SON)
New Director General is Dr. Joseph Ikem Odumodu of SON
He has a number of qualifications (a first class degree in Pharmacy from the University of Ife, Ile-ife, (now Obafemi Awolowo University), Master of Science (M.SC) Pharmacology, Master of Business Administration(MBA) from the Enugu State University of Technology, (ESUT) and a Doctorate in Administration (DBA) by the Anambra State University, Uli.
www.son.gov.ng

Serbian MO – Society of Metrologists (DM)
New representative is Prof. Dr. Zoran Mitrovic instead of Prof. Dr. Milos Nedeljkovic
Prof. Mitrovic is a professor at the Technical Faculty in Novid Sad and a member of the Administrative Board of the Serbian Society of Metrologists.
zoranmit@uns.ac.rs
www.dmdm.rs

Slovak MO – Slovak Metrological Society (SLM)
Ing. Tomáš Svantner is the President and the Director of Dept. for Strategy and Marketing of SLM
svantner@slm.sk
www.slm.sk

South-African MO – National Metrology Institute of South Africa (NMISA)
Contact person: Dr. Wynand Louw, the Director for RTD and TID
wlouw@nmisa.org
www.nmisa.org

Thai MO – National Institute of Metrology (NIMT)
Mr. Prayoon Shiowattana is the Director of NIMT
Contact: Mrs. Ajchara Charoensook is the Deputy Director (1) & Acting Director of NIMT/International Relations Section
iro@nimt.or.th
www.nimt.or.th

Turkish MO – National Metrology Institute/ Scientific and Technological Council of Turkey (TÜBITAK)
The new President of TÜBITAK is Prof. Yücel Altunbasak
Contact: Mr. Eren Yazicioglu, the Director of the President’s Office
eren.yazicioglu@tubitak.gov.tr

Potential new Member Organizations from the countries as below:

- **Taiwan** (through the mediation of Prof. Daponte, President of IMEKO)
- **Argentina** (through mediation of the Austrian MO (Prof. Durakbasa)
- **Ukraine** (intention to join)
  (Correspondence with them is at level of interest.)

4. New TC Officers updated after the 56th GC Session and the related meetings

**TC 2**
Scientific Secretary: Mr. Jörn Riedel/Germany – Fraunhofer Institute for Production Technology (IPT) /Aachen
joern.riedel@ipt.fraunhofer.de

**TC16**
Scientific Secretary: Mr. Dominik Prazák/Czech Republic - Czech Metrology Institute (CMI)/Brno
dprazak@cmi.cz

**TC 19**
Chairperson: Dr. Aime’ Lay-Ekuakille/Italy - University of Salento
aime.lay.ekuakille@unisalento.it
(instead of Prof. Pedro da Silva Girao)

Deputy-Chairperson: Dr. Ivana Durickovic/France - Laboratoire Régional des Ponts et Chaussées de Nancy
ivana.durickovic@developpement-durable.gouv.fr

Scientific Secretary: Dr. Olfa Kanoun/Germany - , Assoc. Dean of Engineering for Research/Chemnitz University of Technology
olfa.kanoun@etit.tu-chemnitz.de

**TC 20**
Chairperson: Dr. Frank Lienesch/Germany - PTB Group ‘Electrical Drives’- Braunschweig
frank.lienesch@ptb.de
(instead of Prof. Klaus-Dieter Sommer)

**TC 22**
Chairperson: Mr. Gustavo Ripper/Brazil – INMETRO/Rio de Janeiro
gripper@inmetro.gov.br

Deputy-Chairperson: Dr. Akihiro Oota/Japan - NMJ
a-oota@aist.go.jp

A relationship was established between the International ISBN Agency and the Secretariat of IMEKO in Budapest for the ISBN assignments related to the Proceedings of the Confederation. The Secretariat is assigned as the contact point for the Proceedings of IMEKO. Anybody may contact the Secretariat for ISBNs regarding all publications to be issued by the Confederation. The publisher-identifier prefix allocated by the International ISBN Agency to IMEKO is 978-92-990073, a prefix which allows for the numbering of up to 10 publications. All product forms of a given work made available separately to the public (print, CD-ROM, html, pdf, etc.) each one should be assigned a different ISBN number. The same applies to separate language versions of a given work they too should carry different numbers. We can use these numbers for both commercial and free-of-charge publications and brochures. However, if the free publications are not intended for the distribution outside IMEKO, they should not be given an ISBN number.

6. IMEKO Award Program

Besides the present IMEKO awards i.e. Distinguished Service Award (DSA) and György Striker Junior Paper Award there were proposed further ones by the President of IMEKO, Prof. Pasquale Daponte:

- Award for the Best Woman Author’s Paper
- Award for the Best Paper for A Young Researcher (below the age of 35 years)
- Mrs. Striker Woman Paper Award
- Measurement Journal Award for the Most Downloaded Paper each year
- Award of Technical Committees


The new open-access online journal of IMEKO publishes scientific articles that are extended versions of selected papers presented during IMEKO events, i.e. conferences, symposia and congresses. It is managed entirely using a web-based information service available at the URL: http://acta.imeko.org/index.php/acta-imeko

There are possibilities for the Technical Committees, the Member-Organizations of the Confederation to publish their advertisements about metrological items or news in the field of measurement on a page free of charge. The placement of the submitted material is provided by the Journal Editor.

For further details the staff of the e-Journal Acta IMEKO can be contacted as below:
• the Editor-in-Chief is Professor Paolo Carbone (paolo.carbone@unipg.it) from Italy,
• the Honorary Editor-in-Chief is Professor Paul Regtien (paul@regtien.net) from the Netherlands.

8. System for the central management of IMEKO events

A central system ‘Conferences IMEKO’ was set up for the management of events (IMEKO conferences, symposia, workshops) http://conferences.imeko.org. All the event organizers were encouraged to use this system free of charge. The electronic platform is configured for IMEKO by the Information Officer, Dr. Dirk Roeske and his colleagues from Physikalisch-Technische Bundesanstalt (PTB) in Braunschweig/Germany.

9. Reports of two recent special events in the field of Metrology and Measurement Technology:

9.1 16th International Congress of Metrology in Paris/France

On its 30th anniversary, the French IMEKO Member Organization, the Collége Français de Métrologie (CFM) organized the 16th International Congress of Metrology in Paris/France, between 7-10 October, 2013. The Congress took place at the Porte de Versailles in Paris in association with the Enova Exhibition. The event was the place for broad technical exchange – unique in Europe – assembling all major players in the world of measurement. There were 850 participants and exhibitors, 36 countries were represented, 35 % of participants came from abroad, mainly from Europe, but also from North and South America, Africa, the Middle East and Asia. 53 companies were present in the Metrology Village in the heart of the event. 68 % of participants were industrial users of measurement in all types of sectors: analysis and metrology laboratories, equipment manufacturers etc. 11% were representatives of major national and international organizations, national laboratories of the large European countries, ministries, accreditation bodies, international organizations etc. 13 % were academics or researchers and 8 % came from other backgrounds: hospitals, training organizations, consultants, the press etc. In addition, 5,900 people visited the Enova Exhibition dedicated to electronics, measurement, optics and RF technology.

www.cfmetrologie.com

(Extract from the Report and the photos sent by Mrs. Sandrine Gazal from the General Secretariat of the CFM last November)
Gathering

Poster Session
9.2 APMF 2013 in Taipei/Taiwan


There were 65 participants from 12 countries (Australia[1], China[11], Germany[3], India[1], Japan[9], Kenya[1], Korea[11], Malaysia[1], Philippines[2], Poland[3], Thailand[2], Taiwan[20]) joined in the APMF 2013. 38 papers were presented in the symposium (http://www.apmf2013.itri.org.tw).

Here is the group photo at the Symposium. It was received from the organizer, Dr. Sheng-Jui Chen, from the Industrial Technology Research Institute / Center for Measurement Standards (sj.chen@itri.org.tw).

10. TC Event Organizers in the years 2013-2014

TC 2
Dr. Marcin Gnyba (marcin.gnyba@gmail.com)

TC 4
Dr. Joaquín Del Rio Fernández (joaquin.del.rio@upc.edu)
Prof. Pasquale Arpaia (arpaia@unisannio.it)
Prof. Sergio Rapuano (rapuano@unisannio.it)
gereneralchairs@imeko-tc4-2014.org

TC 9
Mr. Jean-Pierre Vallet (jp.vallet@cesame-exadebit.fr)
Mrs. Julia Arkell (FLOMEKO) (arkell.julia@gmail.com)

c
tc10
Dr. Lorenzo Ciani (lorenzo.ciani@unifi.it)
Dr. Piotr Bilski (piotr_bilski@sggw.pl)

TC 12
Mrs. Eduarda Filipe (TEMPMEKO) (efilipe@ipq.pt)
TC 14
Prof. Stanislaw Adamczak (adamczak@tu.kielce.pl)
Dr. Krzysztof Stepień (kstepien@tu.kielce.pl)
Mr. Toshiyuki Takatsuji (toshiyuki.takatsuji@aist.go.jp)
Prof. Kiyoshi Takamasu (takamasu@pe.t-u-tokyo.ac.jp)

TC15
Prof. Katia Casavola (casavola@poliba.it)
Prof. Carmine Pappalettere (c.pappalettere@poliba.it)

TC18
Prof. David Ostry (ostry@motion.psych.mcgill.ca)

TC21
Dr. Anna Chunovkina (a.g.chunovkina@vniim.ru)

Co-sponsorship:

TC10
Prof. Dr. B. K. N. Raj Rao (rajbknrao@btinternet.com)
Prof. Joaquim Silva Gomes (sg@fe.up.pt)

AMA Service GmbH/Nürnberg Fair (info@sensorfairs.de)

SICE Annual Conference
Prof. Goro Obinata (sice2013-committee@sice.or.jp)

Asia-Pacific Symposium
Dr. Gwo-Sheng Peng (gwo-sheng.peng@itri.org.tw)
Dr. Sheng-Jui Chen (sj.chen@itri.org.tw)
Sunray Chen (sunray.chen@gmail.com)

Joint TC events:

TC3-TC5-TC22
Ms. Christelle Lourens (clourens@nmisa.org)

TC7-TC1-TC13
Mr. Joao Alves e Sousa (jasousa@lrec.pt)

11. Events and their details in the year 2014

TC3 – Measurement of Force, Mass, Torque and Density
TC5 – Hardness Measurement
TC22 – Vibration Measurement
Joint IMEKO 2014 Conference:
22nd Conference on the Measurement of Force, Mass and Torque together with
12th Conference on the Measurement of Hardness and
3rd Conference on Vibration Measurement
Cape Town, South Africa
February 3-5

Contact: Ms. Christelle Lourens
National Metrology Institute of South Africa
Private Bag X34
Lynnwood Ridge 0040, SOUTH AFRICA
E-mail: clourens@nmisa.org
Internet: http://conferences.imeko.org/index.php/tc3-5-22/2014

TC13 – 3rd IMEKO TC13 Symposium ‘New Frontiers in Biomedical Measurements’
University of Salento Conference Center, Lecce, Italy
April 17-18
Lecce/Italy

Contact:
General Co-chairs:
Prof. Aimé Lay-Ekuakille
Department of Innovation Engineering
University of Salento
Via Monteroni
73100 Lecce, ITALY
Phone: +39 0832 297821
Fax: +39 0832 297827
E-mail: aime.lay.ekuakille@unisalento.it

Prof. Ron Summers
Loughborough University,
Loughborough, Leicestershire, UNITED KINGDOM
Phone: +44 1509 635713
Fax: +44 1509 635231
E-mail: r.summer@lboro.ac.uk

TC10 – Technical Diagnostics
13th IMEKO TC10 Workshop on ‘Advanced measurement tools in technical
diagnostics for systems’ reliability and safety’
Warsaw, Poland
June 26-27
Warsaw, Poland

Contact: Dr. Piotr Bilski
Institute of Radioelectronics
Warsaw University of Technology
Nowowiejska 15/19
TC4 – Measurement of Electrical Quantities
Summer School – Measurements in marine technology
July........
Barcelona, Spain

TC7- Measurement Science
TC1 – Education & Training in Measurement & Instrumentation
TC13 – Measurement in Biology & Medicine
Symposium ‘Measurement Science behind Safety and Security’
September 3-5
Funchal - Madeira Island, Portugal

Contact : Mr. Joao Alves e Sousa
Laboratório Regional de Engenharia Civil – Madeira
Rua Agostinho Pereira de Oliveira, Sao Martinho
9000-264 Funchal, Portugal
Phone: + 351 965108875
E-mail: jasousa@lrec.pt

TC14 – Measurement of Geometrical Quantities
11th IMEKO Symposium on Laser Metrology for Precision Measurement and Inspection in Industry (LMPMI)
International Congress Center (EPOCHAL TSUKUBA)
Tsukuba, JAPAN, September 3-5

Contacts:
Dr. Toshiyuki Takatsuji
National Metrology Institute of Japan (NMIJ, AIST)
Fax: +81 29 861 4152
E-mail: toshiyuki.takatsuji@aist.go.jp
Internet : www.nmij.jp

Prof. Dr. Albert Weckenmann & Prof. Kiyoshi Takamasu
Fax: +49 9131 85265 24
E-mail: albert.weckenmann@qfm.uni-erlangen.de
Fax :+81 3 5841 8554
E-mail : takamasu@pe.t.u-tokyo.ac.jp

TC21– Mathematical Tools for Measurements
International Conference on Advanced Mathematical and Computational Tools in Metrology and Testing (AMCTM 2014)
D.I. Mendeleyev Institute for Metrology (VNIIM)
St. Petersburg, RUSSIA
September 10-12

Contact:
Dr. Franco Pavese
Istituto Nazionale di Ricerca Metrologica (INRIM)
Strada delle Cacce, 73-91
10135 Torino
ITALY
Phone: +39 011 3919 741
Fax: +39 011 3919 747
E-mail: f.pavese@inrim.it
Internet: http://joomla.imeko.org/index.php/tc21-homepage/events-tc21

Dr. Anna Chunovkina (co-chairperson)
D.I. Mendeleyev Institute for Metrology (VNIIM)
Moskovsky pr., 19
190005 Str. Petersburg
RUSSIA
Phone: +7 812 251 8307
Fax: +7 812 713 0114
E-mail: a.g.chunovkina@vniim.ru

18th TC4 International Workshop on ADC and DAC Modelling and Testing (IWADC) together with 20th IMEKO TC4 Symposium on Measurements of Electrical Quantities Benevento, ITALY 2014, September 15-17

Contact:
Prof. Luca De Vito
Assistant Professor of Electronic Measurements
Laboratory of Measurement Information Processing
Department of Engineering
University of Sannio, ITALY
Phone: +39 0824 305600
E-mail: devito@unisannio.it
Internet: http://www.imeko-tc4-2014.org

TC19 – Environmental Measurements
5th IMEKO TC19 Symposium ‘Methods and advances in Measurement’
Conference Center / Chemnitz, GERMANY
September 23-24

Contacts:
Prof. Olfa Kanoun
Technical University Chemnitz, Faculty of Electrical Engineering and Information Technology/Germany
Phone: +49 371/531 36931
Fax: +49 371/531 24529
Co-sponsorships:

CAFMET 2014 – 5th International Conference on Metrology (TC21)
Council for Scientific and Industrial Research International Convention Centre
-CSIR ICC
Pretoria, South Africa
March 31 – April 3

TC4 – Measurement of Electrical Quantities
20th IMEKO TC-4 Symposium on ‘Research on Electrical and Electronic Measurements for the Economic Upturn’ and 18th TC-4 IWADC Workshop on ADC and DAC Modelling and Testing
Benevento, Italy
September 15-17

Contact:
Chairpersons of the Organizing Committee and of the International Program Committee:
Prof. Pasquale Arpaia and Prof. Sergio Rapuano
University of Sannio, Department of Engineering
Fax: +39 0824305840
E-mail: arpaia@unisannio.it, rapuano@unisannio.it

TC12 – Thermal and Temperature Measurement
MMC2014 - International Workshop on Metrology for Meteorology and Climate
Portoroz, Slovenia
September 16-18

Contact: Andrea Merlone
(Chair of CCT-WG2 and MeteoMet coordinator)
INRIM Instituto Nazionale Ricerca Metrologica
Strada delle Cacce 73-91
10135 Torino, ITALY
Phone: +39 011 3919734
Fax: +39 011 3919747
E-mail: a.merlone@inrim.it
12. IMEKO XXI WORLD CONGRESS in Prague 2015

In accordance with the schedule of the organization of the next IMEKO World Congress reported by Prof. Jaromir Volf, the Vice-President in charge of this event, the preparatory work is in progress. The Management and the local organizers are: the Czech National IMEKO Committee responsible for the scientific issues and the Czech-In s.r.o. in charge for the administrative support. Prof. Jaromir Volf from the Czech University of Life Sciences (CULS) in Prague (jaromir.volf@fs.cvut.cz) and Prof. Jan Holub from the Czech Technical University (CTU) in Prague (holubjan@fel.cvut.cz), he is the TC1 Chairperson as well. Prof. Vladimir Haasz from CTU is the Chairperson of the Local Organizing Committee. The venue of the event is the Prague Congress Centre. The webpage of the XXI WORLD CONGRESS is http://www.imeko2015.org.

13. Other news

Dr. Andrea Merlone, the Information Officer of IMEKO TC12, - Thermal and Temperature Measurement - the JRP-Coordinator of EMRP (European Metrology Research Programme) Joint Research Project “Metrology for pressure, temperature, humidity andairspeed in the atmosphere” (MeteoMet) and senior researcher at INRIM (Istituto Nazionale di Ricerca Metrologica, Italy) was the winner of the EURAMET Impact Prize 2013. Congratulations Dr. Merlone! (The EURAMET Impact Prize is awarded annually to the individual who has demonstrated the best impact from a Joint Research Project or associated Research Excellence Grant. Nomination and selection is carried out by the EMRP Committee and the Research Council. In 2012 the price was awarded for the first time in EURAMET (European Association of National Metrology Institutes) history. Winner was Oswin Kerhof, JRP-Coordinator of ENG03 LNG “Metrology for Liquefied Natural Gas”.)

Please forward this Newsletter to others (experts, institutions etc.) who might be interested in the news of IMEKO.

The Secretariat welcomes contributions of articles, new items and relevant information which can be of interest to the readers for inclusion them in the future issues of IMEKO e-Newsletters.
Please send your kind contributions to imeko@t-online.hu. Thank you.

Secretariat of IMEKO
imeko@t-online.hu