

INTERNATIONAL MEASUREMENT CONFEDERATION

IMEKO BULLETIN

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Nyomás: ERFO Kft.

Dear Reader

The year 2006 has been – again – a significant one in IMEKO's history. We are proud to note and announce continued interest in our activities. We welcomed the 36th Member Organization, we had always missed so far, the Institute for National Measurement Standards of the National Research Council, Canada. The number of our Technical Committees became 23 with the approval of the establishment of TC23 – Metrology in Food and Nutrition. The new Committee is still in the process of soliciting membership – please remember that, further information is available from the IMEKO Secretariat.

The 18th IMEKO World Congress in Rio de Janeiro was an extremely memorable event. Not only because of the impressive statistics and the special efforts of our Brazilian colleagues to organize everything in a charming way, but also because it contributed greatly to making us known in the region. We are looking forward to receiving further applications for membership in the Confederation from South America.

The extension of membership is a crucial issue, anyway. Therefore we were pleased to enter into communication with the African Metrology Committee set up by institutions in North African countries.

Every third year marks the election of Officers. As a tradition, the Secretary General represented continuity until now. Succeeding the Founding Secretary General (since 1958), Professor György Striker (1913-1992), another Hungarian, Assoc. Prof. Dr. Tamás Kemény was first elected in 1985 at the 10th World Congress in Prague, then Czechoslovakia. After 21 years now Dr. Kemény resigned from the position to be followed by Professor Mladen Boršić of Croatia. Born in 1943, Mr. Boršić is a full Professor at the Faculty of Electrical Engineering and Computing of Zagreb University, as well as at the Università degli Studi del Sannio, in Benevento, Italy and has been the Croatian delegate to the IMEKO General Council since 1992. Thanks and appreciation are due to the outgoing Officers for their devoted service and assistance. We have to mention here Professor Manfred Peters, too, who has been the President of IMEKO from 2000 to 2003, Chairman of the Technical Board for three years before and Chairman of the Advisory Board for three years after that, in earlier times active member later Chairman of the Technical Committee on Measurement of Force and Mass, as TC3

was called earlier and in addition, delegate of the German Member Organization to the IMEKO General Council for several years. His new duty as Vice President of the Physikalisch-Technische Bundesanstalt in Braunschweig will allow him less time in the future to be among his IMEKO friends, but we all congratulate him heartily.

Congratulations, of course, to all (incoming) Officers and Award holders. I
IMEKO Distinguished Service Awards are presented at the Closing Session of each World Congress from 1988 on. 48 esteemed persons have been so honoured; unfortunately far too many of them are not with us in this world any more. The first György Striker Junior Paper Award was issued in 1994 and respectfully received until now by 6 young scientists under 35 years of age.

The Portuguese Member Organization was kind enough to invite the 19th IMEKO World Congress to Lisbon for 2009. The 20th will probably be hosted by the South Korean MO in 2012.

The steadily increasing number of special TC conferences, symposia and workshops are also worth considering – we hope to greet you personally sooner or later.

Even until then, do not forget to pay attention to the actual issues of IMEKO Bulletin either – thank you.

Karolina Havrilla
Editor of the Bulletin
Secretary of IMEKO

Metrology for a Sustainable DEVELOPMENT – IMEKO XVIII

The **18th IMEKO World Congress** held from September 17 to 22, 2006 in Rio de Janeiro, Brazil was one of the most successful Congresses in the Confederation's history. 823 participants from 59 countries of the of the globe enjoyed the presentation of 548 contributions (oral and posters). The scientific program started by the introductory plenary lecture of Professor Dr. Humberto Siqueira Brandi, Director of Scientific and Industrial Metrology at INMETRO, the National Institute of Metrology, Normalization and Industrial Quality, Chairman of the Congress. Subjects of other plenary lectures were

- The GUM and the method of Monte Carlo
- Soft tool in metrology
- Metrology in chemistry
- Environmental metrology
- New definition of the Kelvin
- The world of subsecond thermophysics
- Information processing of biomedical sensor signatures for ensuring the quality of life
- Needs and advances in metrology for precision motion control in mechatronics

Professor Leo Van Biesen, outgoing President of IMEKO spoke at the end about Future trends and developments in non-governmental cooperation in measurement and instrumentation.

There was an exhibition of 27 booths (having over 200 visitors), as well as three satellite events:

The IV Brazilian Congress of Metrology

The 11th Workshop on ADC Modelling and Testing (TC4) and a Workshop on Biofuels.

Technical Committees held meetings and round table discussions.

SIM – the Sistema Interamericano de Metrologia and the CIPM/BIPM Hardness Working Group also used the opportunity to have their meetings scheduled for the Congress week.

All attendees spoke with appreciation about the high scientific/technical level, the excellent organization and the social events under extremely pleasant circumstances. Heartfelt thanks are due to the efficient team of the Brazilian Society of Metrology, our – so far – only Member Organization in South America: Professor Gelson Martins da Rocha (INMETRO), Chairman of the Organizing Committee and his colleagues, as well as Mr. Hugo Leonardo Magalhães. Of course the success would not have been possible without the Sponsors (SEINAI, BNDES, CTGAS, PETROBRAS, CENPES, METTLER TOLEDO, FORUM das REDES, MITUTOYO, FLUKE do BRASIL Ltda., ABIMAQ, ANVISA) and Institutional Supporters (MCT, CNPQ, FINEP, CAPES, SEBRAE, FAPERJ).

As a tradition, **Awards** were presented at the Closing Ceremony of the Congress.

The **GYÖRGY STRIKER Junior Paper Award** donated by the Founding Secretary General of the International Measurement Confederation and his wife, Barbara, went to Dr. Gerald Steiner, Graz University of Technology, Austria for his paper entitled Model-Based Image Reconstruction for Ultrasound Process Tomography.

IMEKO Distinguished Service Award Holders 2006:

Professor Manfred Peters (PTB, Germany), outgoing Chairman of the Advisory Board

(after having served three years as Chairman of the Technical Board and another three years as President of the Confederation);

Professor Dieter Barschdorff, outgoing Chairman of TC10, the Technical Committee on Technical Diagnostics

Dr. Miloš Sedlaček, Czech delegate to the General Council, outgoing Chairman of TC4 on Electrical Measurements and

Dr. Tamás Kemény, who has been Secretary General of IMEKO since 1985.

On the occasion of a Hungarian national holiday at a later date, Dr. Kemény was given the Knight's Cross, of a very high order of the Republic of Hungary for promoting innovation, in his capacity as Executive Director of the Public Foundation for the Progress of Industry.

Dr. Kemény's Farewell Message to the IMEKO community

Dear Colleagues, dear Friends,

This is a farewell notice from the outgoing Secretary General, who decided to resign at the age of 74, after 21 years of service.

To follow the course of events: I discussed with the Advisory Board a year ago that after having been re-elected six times, it wouldn't be appropriate to continue for another three-year period, i.e. from 2006 to 2009. The Advisory Board accepted this wish together with my proposal to nominate my highly esteemed colleague and friend, Prof. Mladen Borsic, delegate of the Croatian Member Organization for many years, as my successor.

The 49th Session of the IMEKO General Council (Rio de Janeiro, Brazil, September 2006) accepted my Report about the period November 2005 - August 2006, which ended with the following personal thoughts:

“I am concluding herewith my last Report as Secretary General of IMEKO for 21 years. Looking back upon the past, I must state that I enjoyed every moment of it. I was always proud to serve and represent IMEKO, having been associated with the Confederation since the beginnings. The style, the tasks, the colleagues around me have changed, some of them gone for ever, but the basic idea remained the same and by now has reached far beyond the dreams of the founders in 1958. I am grateful for this fantastic experience to everyone I met and worked with. We can say that we have built up something worth cherishing and continuing on an ever increasing level, answering the calls of modern times.

I would like to express my thanks – as always at this place – to all those IMEKO friends and colleagues who helped our work in the past period and, of course, to Ms. Karolina Havrilla, for her invaluable contribution.

I wish my successor all the best in his efforts for the benefit of IMEKO in the same friendly atmosphere I had during all the years of office.”

The General Council accepted my Report with thanks, the President, Prof. Leo van Biesen handed over to me the highest IMEKO decoration, the Distinguished Service Award that I am very proud of.

The General Council also gave me the opportunity to express some personal remarks. I was present 48 years ago at the birth of IMEKO, as co-worker of Prof. György Striker, the Father of IMEKO. I was the founding Scientific Secretary of TC3 (Measurement of Force, Mass, Torque and Density), one of the most active TCs even now.

As 21 years ago Prof. Striker wished me to continue his work and the GC elected me, I tried my best to do it in his spirit. I hope it was not without success, because I was re-elected six times, always for 3 years.

I am happy to declare that I am leaving IMEKO in a very positive and stable condition: the financial situation is better than ever, the new Officers are very professional, excellent and devoted colleagues. The Technical Committee activities are continuously improving, the scientific community of the world recognises most of them as leaders of their discipline.

I don't feel any sorrow to step back from this responsibility and pass over the leadership to Mladen, because as Honorary Member of the Advisory Board I will remain with you to share my experience as much as it will be asked for. I am still actively working as Executive Director of the Public Foundation for the Progress of the Hungarian Industry.

Finally I am sure we will continue the personal friendship with over a hundred colleagues and their families from the five continents.

Thanks Karolina for the close work together for that many years, thanks for my wife Kati for her support in some critical moments and thanks to you all that the position of IMEKO is now well over the expectation of the founders 48 years ago.

I hope to meet you all in good health at the 51st General Council Meeting, celebrating the fiftieth anniversary of founding IMEKO in Budapest, the birthplace of the Confederation.

Budapest, December 2006.

With thanks and best regards

Tamas

Assoc.Prof. Dr. Tamas Kemeny
Secretary General 1985-2006

The **IMEKO General Council** had its 49th annual Session on September 17 and 20 preceded by the meetings of the **Advisory Board, Technical Board** and **MEASUREMENT Editorial Board** on September 16. The agenda covered an overview of the activities since the 48th Session (November 2005 in Brussels, Belgium) and determined the trends for the next years, including a three-year financial plan.

By unanimous special decision the **Institute for National Measurement Standards**, National Research Council of Canada was admitted as the 36th Member Organization of the Confederation.

The establishment of TC23 – Technical Committee on **Metrology in Food and Nutrition** jointly proposed by Professor G.V. Iyengar from the Friedman School of Nutrition Science and Policy of Tufts University, Boston, MA, USA and Professor M. Frota from the Catholic University of Rio de Janeiro was approved, under the provisional chairmanship of Prof. Iyengar.

Elsevier Ltd., Oxford, UK will continue to publish the IMEKO Journal **MEASUREMENT** on the basis of a revised new Contract in a modernized form. The homepage of the Journal: <http://www.elsevier.com/locate/measurement> - online paper submission only.

The **19th IMEKO World Congress**, contrary to earlier decision, will not take place in Paris, France in 2009, but in Lisbon, Portugal.

The **50th IMEKO General Council Session** and related meetings will be in Paris in September 2007.

IMEKO Officers elected for the period 2006-2009

IMEKO Officers and Standing Committee members 2006-2009

President: Prof. A. M. da Cruz Serra, Portugal

Past President and Chairman of the Advisory Board: Prof. L. Van Biesen, Belgium

President Elect and Chairman of the Technical Board: Dr. Dae-Im Kang, S. Korea

Secretary General: Prof. M. Borsic, Croatia

Treasurer: Prof. P.H. Osanna, Austria

Vice President for IMEKO XIX: Prof. P.S. Girão, Portugal

Vice President for External Relations: Dr. H. Imai, Japan

Standing Committees

Credentials and Membership Committee - Mr. J.D. Tallantire, UK (Chairman)
Mr. Z. Zelenka, Hungary
Prof. R. Collay, France

Drafting Committee - Prof. T. Pfeifer, Germany, (Chairman)
Prof. K.T.V. Grattan, UK
Prof. Ch. Eugene, Belgium

Advisory Board Prof. L. Van Biesen, Belgium (Chairman)
Prof. F. Righini, Italy (Secretary)
Dr. K. Iizuka, Japan, HONORARY MEMBER
Prof. M. Peters, Germany, HONORARY MEMBER
Assoc. Prof. Dr. Tamás Kemény, Hungary, HONORARY MEMBER
Prof. R.Z. Morawski, Poland
Prof. T. Ono, Japan

Technical Board Dr. Dae-Im Kang, S. Korea (Chairman)
K. Havrilla, Hungary (Secretary)
Mr. M. Sedlacek, Czech Republic
Mr. A. Pusa, Finland
Information Officer
all TC Chairmen ex officio
Editor-in-chief of MEASUREMENT ex officio

Chairman of the MEASUREMENT Editorial Board: Prof. K.T.V. Grattan,
UK, Editor-in-chief

Event Calendar

2007

TC1 – Education and Training in Measurement and Instrumentation

TC13 – Measurement in Biology and Medicine

MEASUREMENT 2007 Conference

Smolenice Castle, Slovakia

May 20-24

Contact: Dr. M. Tyšler

Institute of Measurement Science

Slovak Academy of Sciences

Dubravská cesta 9

84103 Bratislava, SLOVAKIA

Phone: +421 2 5910 521

Fax: +421 2 5477 5943

E-mail: tysler@savba.sk

TC3 – Measurement of Force, Mass and Torque

TC16 – Pressure Measurement

TC22 – Vibration Measurement

20th Conference on Measurement of Force, Mass and Torque / 3rd Conference on Pressure Measurement / 1st Conference on Vibration Measurement - on Cultivating Metrological Knowledge

Merida, Mexico

November 26-30

Contact: Mr. J.C. Torres-Guzmán

Km 4,5 carretera a Los Cues

El Marques, Queretaro

Mexico, C.P. 76241, MEXICO

Phone: +52 442211 0572

Fax: +52 442211 0578

E-mail: jorge.torres@cenam.mx

TC4 – Measurement of Electrical Quantities

15th Symposium on Novelties in Electrical Measurements and Instrumentation
12th Workshop on ADC Modelling and Testing
Iasi, Romania
September 19-21

Contact: Prof. A. Salceanu

Head of Electrical Measurements Department
Faculty of Electrical Engineering
Technical University “Gh. Asachi”
Bd. Mangeron, 53
70050 Iasi, ROMANIA
Phone: +40 232 278683/1123
Fax: +40 232 237627
E-mail: asalcean@ee.tuiasi.ro
<http://iota.ee.tuiasi.ro/~demm/salceanu.html>

TC5 – Hardness Measurement

HARDMEKO 2007 – Symposium on Recent Advancements in the Theory and Practice
of Hardness Measurement
Tsukuba, Japan
November 19-21

Contact: Dr. H. Imai

National Institute of Advanced Industrial Science and Technology
AIST Tsukuba Central 3
1-1-1 Umezono Tsukuba Ibaraki 305-8563, JAPAN
Phone: +81 29 861 4363
Fax: +81 29 861 4393
E-mail: imai-hidetaka@aist.go.jp

TC9 – Flow Measurement

14th Conference on Flow Measurement – FLOMEKO 2007

Johannesburg, South Africa

September 18-21

Contact: Mr. J. Marneweck

South African Bureau of Standards

1 Dr Lategang Road

Private Bat X191

Groenkloff, Pretoria 0001, SOUTH AFRICA

Phone: +27 12 428 6152

Fax: +27 12 428 6552

E-mail: marnewi@sabs.co.za

TC12 – Temperature and Thermal Measurements

10th Symposium on Temperature and Thermal Measurements in Industry and Science

Chateau Lake Louise, Banff National Park, Canada

May 21-25

Contact: Dr. A.G. Steele

Director, Metrology

Institute for National Measurement Standards

National Research Council of Canada

1200 Montreal Road

Ottawa K1A 0R6, CANADA

Phone: +1 613 993 9384

Fax: +1 613 990 6439

E-mail: alan.steele@nrc-cnrc.gc.ca

www.tempmeko2007.org

TC14 – Measurement of Geometrical Quantities

9th Symposium on Measurement and Quality Control

Chennai/Madras, India

November 21-24

Contact: Prof. B. Ramamoorthy

Indian Institute of Technology

Department of Mechanical Engineering

Manufacturing Engineering Section

Chennai-600036, INDIA

Phone: +91 44 22575705

Fax: +91 44 22570509

E-mail: ramoo@iitm.ac.in

<http://ismqc.iitm.ac.in>

TC18 – Measurement of Human Functions

ISHF2007 – 3rd Symposium on Measurement, Analysis and Modeling of Human Functions

Cascais, Portugal

June 14-16

Contact: Prof. Maria Isabel Fragoso

Universidade Técnica de Lisboa

Faculdade de Motricidade Humana

Estrada da Costa

1499 Lisbon, Codex, PORTUGAL

Phone: +351 21 4149104

Fax: +351 21 4196608

E-mail: ifragoso@fmh.utl.pt

TC19 – Environmental Measurements

1st Symposium on Environmental Measurements

Iasi, Romania

September 19-21

Contact: Prof. A. Salceanu

Head of Electrical Measurements Department

Faculty of Electrical Engineering

Technical University “Gh. Asachi”

Bd. Mageron, 53

700050 Iasi, ROMANIA

Phone: +40 232 278683/1123

Fax: +40 232 237627

E-mail: asalcean@ee.tuiasi.ro

<http://iota.ee.tuiasi.ro/~demm/salceanu.html>

Co-sponsorships:

SENSOR+TEST 2007 – The Measurement Fair

Nürnberg, Germany

May 22-24

Contact: Ms. Christiane Schild
AMA Service GmbH
Von-Münchhausen-Str. 49
31515 Wunstorf, GERMANY
Phone: +49 5033 9639-0
Fax: +49 5033 1056
E-mail: schild@sensorfairs.de

6th Youth Symposium on Experimental Solid Mechanics (TC15)

Vrnjacka Banja, Serbia

May 9-12

Contact: Ms. Ana Pavlovic
Faculty of Mechanical Engineering
University of Belgrade
Sestre Janjic 6
34000 Kragujavac, SERBIA
Phone: +381 64 2655333
E-mail: ana.pavlovic@mail.ing.unibo.it
<http://ysesm.maskv.edu.yu>

Annual Conference of the Japanese Society of Instrument and Control Engineers – SICE 2007

Takamatsu, Japan
September 17-20

Contact: Society of Instrument and Control Engineers
Mr. Masami Namiki, Acting Deputy Secretary General
Hongo, 1-35-28-303, Bunkyo-ku
Tokyo 113-0033, JAPAN
Phone: +81 3 3814 4121
Fax: +81 3 3814 4699
E-mail: mnami@sice.or.jp

APMF 2007 – Asia Pacific Symposium on Measurement of Mass, Force, Torque and Density (TC3)

Sydney, Australia
October 24-26

Contact: Dr. John Man
National Measurement Institute
Department of Industry, Tourism and Resources
PO Box 264
Lindfield NSW 2070, AUSTRALIA
Phone: +61 2 8467 3513
Fax: +61 2 84673754
E-mail: APMF2007@measurement.gov.au
www.measurement.gov.au/apmf2007

2008

TC1 – Education and Training in Measurement and Instrumentation

TC7 – Measurement Science

12th Symposium on Man, Science & Measurement

Annecy, France

September 3-5

Contact: Mr. Eric Benoit

LISTIC – Polytech' Savoie

B.P. 806

74016 Annecy Cedex, FRANCE

Phone: +33 450 096 544

Fax: +33 450 096 559

E-mail: eric.benoit@univ-savoie.fr

TC2 – Photonic Measurements

17th Symposium on Photonic Measurements

Prague, Czech Republic

August 25-26

Contact: Dr. M. Jedlička

Czech&Slovak Society for Photonics

Jemenska 581

16000 Prague 6, CZECH Republic

Phone: +420 2 235 353 180

Fax: +420 2 607 662 841

E-mail: jedlickam@volny.cz

TC8 - Traceability in Metrology

Conference on Traceability to Support CIPM MRA and other International Arrangements

Torino, Italy

November 6-7

Contact: Dr. Carlo Ferrero

Istituto Nazionale di Ricerca Metrologica

Strada delle Cacce, 91

10135 Torino, ITALY

Phone: +39 011 39 77 352

Fax: +39 011 3977 503

E-mail: c.ferrero@inrim.it

TC14 – Measurement of Geometrical Quantities**TC2 – Photonic Measurements**

9th Laser Metrology Symposium

Singapore

June 30 – July 2

Contact: Prof. Anand Asundi

School of Mechanical and Aerospace Engineering

Nanyang Technological University

SINGAPORE 639798

Phone: +

Fax: +65 6791 1859

E-mail: masundi@ntu.edu.sg

TC19 – Environmental Measurements

2nd Conference on Environmental Measurements

Budapest, Hungary

September 11-13

Contact: Dr. P. Princz

Managing Director, Living Planet Environmental Ltd.

2040 Budaörs

Szivárvány u. 10, HUNGARY

Phone/Fax: +36 1 334 0047

E-mail: pprincz@living-planet.hu

TC21 – Mathematical Tools for Measurement

AMCTM 2008 – Conference on Advanced Mathematical and Computational Tools
in Metrology and Testing

Paris, France

June 23-25

Contact: Prof. F. Pavese

Istituto Nazionale Ricerca Metrologica

Strada delle Cacce, 73-91

10135 Torino, ITALY

Phone: +39 011 3977 341

Fax: +39 011 3977 347

E-mail: f.pavese@inrim.it

NEWS in brief

New General Council members:

Dr. Alan G. Steele representing the Canadian MO
Institute for National Measurement Standards, National Research Council

Mrs. Maguelonne Chambon representing the French MO as successor of Professor Roland Collay
Collège Français de Métrologie

Professor Jouko Halttunen representing the Finnish MO
Finnish Society of Automation

Professor Yuri Vasilevich Chugui representing the Russian MO
International Scientific-Technical Society of Instrument Engineers and Metrologists

Professor Linus Michaeli representing the Slovak MO
Slovak Metrological Society

New Chairmen elected for some Technical Committees where this was on the agenda:

Professor Pasquale Daponte, Italy
TC4 on Electrical Measurements

Professor Luca Mari, Italy
TC7 on Measurement Science

Dr. Carlo Ferrero, Italy
TC8 – Traceability

IMEKO was pleased to accept being a non-financial co-sponsor of the Measurement Science Conference and Exhibition between 22 and 26 January, 2007 at the Long Beach Convention Center in California, USA. This repeated action is part of the friendly relationship with the US headquartered NCSLI.

Ms. Karolina Havrilla, Secretary of IMEKO was happy to receive an invitation from the Director of the Thai Member Organization to participate in the Opening Ceremony of a new Laboratory Building of the National Institute of Metrology on August 14, 2006. It was to her deepest regret, that because of the workload connected with the approaching 18th World Congress, she was unable to attend.

The Italian IMEKO Committee is planning to hold a one-day Seminar in memory of the late Professor Anthos Bray, long-time IMEKO friend and General Council delegate who passed away on December 22, 2006. Tentative date: October 18 or 26, 2007.

All who have known him, think kindly of Professor Bray. May he rest in peace!

IMEKO was invited to endorse CAFMET2008, the next International Conference on Metrology organized by the African Committee of Metrology in Tunis, April 22-24, 2008.

The IFAC Anniversary Day was in Heidelberg, Germany, September 15, 2006, the place where IFAC was founded in 1956. IMEKO will be 50 years old in 2008. Appropriate celebrations will take place in September of that year in Budapest, Hungary, the birthplace of the Confederation.

The Brazilian Member Organization SBM (Brazilian Society of Metrology) together with INMETRO, the National Institute of Metrology, Normalization and Industrial Quality, the Federal University of Minas Gerais and the Metrological Laboratory Network of Minas Gerais organizes VII SEMETRO the 7th International Seminar on Electrical Metrology in the city of Belo Horizonte, from 12 to 14 September 2007. Further information: www.cpdee.ufmg.br/~viisemetro

SBM also stages the International Congress for Legal Metrology in Rio de Janeiro, September 25-27, 2007

<http://www.inmetro.gov.br/noticias/eventos/cm1>

The traditional (13th) International Metrology Congress organized every second year by our French MO, the Collège Français de Métrologie in cooperation with LNE, the Laboratoire National de Métrologie et d'Essais, this time with the scientific support of the Dutch MO, Nederlands Meetinstituut NMI will take place in Lille from 18 to 21 June

info@cfmetrologie.com

From foreign sources...

...at random

The 51st Annual Congress of the European Organization for Quality “Competitiveness through Excellence – Challenge for Europe” will be in the capital of the Czech Republic, Prague, on May 22-23, 2007

<http://www.guarant.cz>

IDAACS'2007, the 4th International IEEE Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications is scheduled to take place in Dortmund, Germany, September 6-8

<http://www.idaacs.net/>

5th BSSM (The British Society for Strain Measurement) International Conference on Advances in Experimental Mechanics at the University of Manchester, UK, September 4-6, 2007

www.bssm.org

2007 SEM (Society for Experimental Mechanics, Inc., USA) Annual Conference and Exposition on Experimental and Applied Mechanics at the Sheraton Springfield Monarch Place Hotel in Springfield, Massachusetts, USA

June 3-6

www.sem.org

MERA 2007 – 14th International Trade Fair for Measurement, Control & Automation

Moscow, Russia

October 30 – November 2

www.mera-moscow.info

CISSE 2006, the World's leading International Engineering/Computing and Systems Research Online E-Conference was accomplished between 4 and 14 December

<http://www.cisse2006online.org>

EGYPT 2007 - the

International Industrial Control & Automation Technology Exhibition and Conference

was held in Cairo from 8 to 11 March

www.smbegypt.com

CLOSE RANGE PHOTOGRAMMETRY, Principles, Techniques and Applications

by Prof. T. Luhmann, Dr. S. Robson, Dr. S. Kyle and Prof. Ian Harley, 530 pages

www.whittlespublishing.com

E-mail: orders@booksource.net

Member Organizations of IMEKO and their Delegates to the General Council

Member Organizations of IMEKO and their delegates to the General Council

Albania

General Directorate of Metrology and Calibration

The General Director

RR. “Sami frasheri”, No. 33

Tirana

Austria

ÖVE Österreichische Gesellschaft für
Mess- und Automatisierungstechnik

Prof. P. H. Osanna

1010 Wien 1

Eschenbachgasse 9

Belgium

Belgian Measurement Confederation

BEMEKO c/o IBRA/BIRA

Prof. Ch. Eugene

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1060 Brussels

Brazil

Brazilian Society of Metrology

Prof. H.S. Brandi

Av. Nilo Pecanha, 50, Grupos 2517 e 2512

- Centro

20020-906 Rio de Janeiro, RJ

Bulgaria

Union of Metrologists in Bulgaria

Prof. H. Radev

108, ul. G.S. Rakovski

1000 Sofia

Canada

Institute for National Measurement Standards

National Research Council

Dr. A.G. Steele

1200 Montreal Road

Ottawa, K1A 0R6

People's Republic of China

Chinese Society for Measurement

Mrs. Zhao Roujiang

P.O.B. 1413

Beijing 100013

Croatia

KoREMA – Croatian Society for

Communication, Computing,

Electronics, Measurement and Control

Prof. M. Borsic

c/o Croatian Metrology Society

Berislaviceva 8

10000 Zagreb

Czech Republic

Association of Scientific-Technical
Societies
IMEKO Committee
Dr. M. Sedláček
c/o Czech Technical University
Faculty of Electrical Engineering
Technická 2
16627 Prague 6

Egypt

Egyptian Organization for
Standardization and Quality
Dr. Mahmoud Eisa, President
16, Tadreeb El-Modarrebeen St.
El-Ameriya, Cairo

Finland

Finnish Society of Automation
Mr. A. Pusa
Asemapäällikönkatu 12B
00520 Helsinki

France

College Français de Metrologie
Ms. M. Chambon
1, rue Gaston Boissier
75015 Paris

Germany

VDI/VDE Gesellschaft Mess- und
Automatisierungstechnik
Prof. T. Pfeifer
P.O.Box 101139
40002 Düsseldorf

Greece

Hellenic Institute of Metrology
Dr. C. Mitsas
Mechanical Measurements
Industrial Area of Thessaloniki
57022 Sindos, Thessaloniki

Hungary

Scientific Society for Measurement,
Automation and Informatics
Mr. Z. Zelenka
1055 Budapest
Kossuth L. tér 6-8

Israel

The Israeli Metrological Society
Dr. A. Lepek, Chairman
P.O. Box 9769
Jerusalem 91091

Italy

National Research Council
Prof. F. Righini
c/o Istituto Nazionale Ricerca Metrologica
Strada delle Cacce, 73-91
10135 Torino

Japan

The Society of Instrument and Control
Engineers
Prof. T. Ono
Hongo, 1-35-28-303
Bunkyo-ku, Tokyo 113-0033

Kenya

Kenya Bureau of Standards
Managing Director
P.O.Box 54974
Nairobi

Korea (Republic of)

Korea Research Institute of Standards and
Science
Dr. Dae-Im Kang
Vice President
P.O.Box 102, Taedok Science Town
Yusong-Gu, Taejon 305-600

Mexico

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Contents

Foreword	3
The 18th IMEKO World Congress in Rio de Janeiro	5
The 49th IMEKO General Council Session	7
IMEKO Officers elected for the period 2006-2009	9
Event Calendar	11
NEWS in brief	21
From foreign sources...	24
Member Organizations, Delegates, Officers	26

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