



IEEE

INSTRUMENTATION AND MEASUREMENT SOCIETY

NEWSLETTER

IMS Newsletter, Issue 5

January, 2013

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Society News

2013 I&M Society Officers

President: [Jorge Fernandez Daher](#)

Exec. VP: [Reza Zoughi](#)

VP Finance: [Ruth Dyer](#)

VP Conferences: [Dario Petri](#)

VP Pubs: [Wendy Van Moer](#)

VP Membership: [Kristen Donnell](#)

VP Technical: [Mihaela Albu](#)

VP Education: [Ferdinanda Ponci](#)

Treasurer: [Frank Reyes](#)

Sr. Past Pres: [Alessandro Ferrero](#)

Jr. Past Pres: [Kim Fowler](#)



We have started a new year, and at this time we always look back to see what we have done. It is time for evaluations, and I can tell you I am really satisfied with the accomplishments of our Administrative Committee (AdCom). It is also time for starting our work with renewed energy. One very important action item we decided last year was to start writing the Society's Strategic Plan. During the last two months, we have been discussing the future of our society. In February each year, we hold our strategic meeting where the Officers and Editors-in-Chief discuss issues in a kind of brainstorming. A set of ideas come out of that meeting, and then the committee Vice Presidents, together with the members of their committees, will start implementing actions to obtain the desired results. No plan is useful if it is only a document without any metrics and periodical reviews. Our expectation is to make this plan very practical and useful to enhance the development of our members' careers.

At this time, I would like to say goodbye to some members of the AdCom who have finished their term. Daniel Rosenthal, Voicu Groza, and Robert Krchnavek have worked very hard, and I would like to thank them for their continued efforts. I also would like to welcome some new members to the Adcom who were elected by our membership in last year's selections: Alessandra Flammini, Richard Hochberg, and Mark Yeary. I hope they will feel comfortable and contribute to our society in these positions. Mihaela Albu has been re-elected and will continue working with us as Vice President of Technical Activities and Standards. Since October 2012, Andrew Timm has joined us as our GOLD representative,

Awards

The IEEE Instrumentation and Measurement Awards Committee is currently accepting nominations for the 2013 awards cycle. These awards will be presented at the 2014 I2MTC. Nominations will be accepted through September 16, 2012.

To submit an award nomination, please visit the IMS website:
<http://iee-ims.org/node/add/nomination>

For more information, please contact:
[Georg Brasseur](#), I&M Society Awards Chair.

The I&M Society awards four Society-level awards annually:

* the Outstanding Young Engineer Award
- The I&M Outstanding Young Engineer Award recognizes an outstanding young I&M member who has distinguished him/herself through achievements, which are technical, of exemplary service to the I&M Society, or a combination of both early in their career. The nominee must not have reached their 39th birthday and must be an I&M member at the time of nomination.

* the Technical Award
- The I&M Society Technical Award is given to an

and since January this year, Erik Timpson is working as our Graduate

Student Representative. My hope is that they will help us improve our involvement with our younger members. We need to understand their needs and try to satisfy their expectations. Young members are very important, and we would like to keep them as members in the future as they advance in their careers.

Before I finish writing this column, I would like to congratulate my friend Pasquale Daponte for being elected as President of IMEKO (International Measurement Konfederation) for the years 2012-2015. IMEKO is a non-governmental federation of 38 Member Organizations individually concerned with the advancement of measurement technology (www.imeko.org). Its fundamental objectives are the promotion of international interchange of scientific and technical information in the field of measurement and instrumentation and the enhancement of international co-operation among scientists and engineers from research and industry. Pasquale has always been very active in our committees and in his professional life. I am sure he will be very successful in his new position.

See you in our next column and keep in touch.

[Jorge Fernandez. Daher](#)
President, IEEE I&M Society

Chapters

First IMS Chapter Summit

The I&M Society has over 40 Chapters representing all Regions within IEEE. Our Chapter Chairs will meet together for the First IMS Chapter Summit on May 6, 2013 in Minneapolis, MN, USA, in conjunction with the I2MTC 2013.

For more information, please contact the IMS Chapter Coordinator, [Sergio Rapuano](#).

Conferences

Please find a listing of I&M Conferences at:

<http://iee-ims.org/conferences/all>

individual or group of individuals for outstanding contribution or leadership in advancing instrumentation design or measurement technique.

* the Distinguished Service Award
- The I&M Society Distinguished Service Award is presented each year to an individual who has given outstanding service to the Society and to the profession.

* the Career Excellence Award
- The I&M Career Excellence Award is awarded to recognize a lifetime career of meritorious achievement and outstanding technical contribution by an individual in the field of instrumentation and measurement.

Membership

The I&M Society invites you to join their group on LinkedIn and Facebook! Network with colleagues and find information in the I&M Field of Interest.

Join today at:

[LinkedIn](#)

You must be a member of the IEEE I&M Society to join.

Not a member of the IEEE I&M Society?

[Join today!](#)



2013 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) will be held 6-9 May 2013 in Minneapolis, MN, USA.

Final Manuscript Submission and Registration
15 March 2013

Join over 300 attendees as we highlight life science measurement among the regular I2MTC broad topics of Instrumentation and Measurement. Continuing the encouragement of industrial participation, we have a panel on technology transfer, application oriented tutorials, and Industrial Tracks with papers focused on industrial aspects of Instrumentation and Measurement. Research will merge with the practical applications of industrial technology used every day, to foster the exchange of know-how between industry and academia.

Three keynote speakers will inspire and inform you on the latest research and application:

- Mr. Kevin Bennet, Chair of the Engineering Division of Mayo Clinic – “Next Generation Deep Brain Stimulation: Collaborative Engineering Solutions”
- Dr. Susan Hagness, Philip D Reed Professor, Electrical and Computer Engineering at the Univ. of Wisconsin – “Microwave Breast Imaging: A New Mammography?”
- Dylan F Williams, National Institute of Standards and Technology, Recipient of the 2013 IEEE Joseph F. Keithley Award in Instrumentation and Measurement – “Vector Network Analysis in Printed Transmission Lines

Registration for tutorials is included in the Conference registration fee to give you full access to in depth discussion ranging from fundamentals to the latest research. Registration for the Tutorials alone is also available.

Do you qualify to be a Senior Member of the IEEE?

Senior Membership is the highest grade for which application may be made and shall require experience reflecting professional maturity; a candidate shall be an engineer, scientist, educator, technical executive, or originator in IEEE-designated fields in professional practice for at least ten years and shall have shown significant performance over a period of at least five of those years. An application for Senior Membership requires three references unless nominated by a Senior Member, and in that case requires two references.

For more information, go to the [IEEE website](#).

Congratulations to our Senior Members elevated in 2012:

Niclas Bjorsell, John Daley, Luca DeVito, Kristen Donnell, Johan Driesen, Roger Ellingson, Mohammad Ghasr, Yong Hu, Chi Hung Hwang, Shahedul Laskar, Zhen An Liu, Mang Ou-Yang, Eduardo Rubio, Glenn Wright, Feng Chu, Paul Forquer, Jan-Ming Ho, Dimitrios Georgakopoulos, James Gilbert, Teddy Surya Gunawan, Huang Chen Lee, Gerard Stenbakken, Gert Rietveld, Yong Shin, Ernest Houtzager, Silvano Balemi, Lee Barford, Rui Cao, Thomas Dean, Juan Jose Gonzalez de la Rosa,

[Tutorials at a Glance](#)

CONTINUING EDUCATION (CED AND PDH)
CREDITS AVAILABLE AT I2MTC 2013!

Companies and Exhibitors: There are ample opportunities for you to become a corporate sponsor, or to display your products and services to our 300+ attendees. Contact a member of the organizing committee at the Conference web site for the best available opportunities.

For more information, visit the website at:

<http://imtc.ieee-ims.org/>



IEEE AUTOTESTCON will be held 16-19
September 2013 in Schaumburg, IL, USA.

*****Abstract submission deadline: March 31,
2013*****

For more information, visit the website at:

**Melanie Ooi, Amal
Punchihewa, James
Vanderwiele, William
Williams, Leopoldo
Angrisani, Jose Antonio
Gazquez, Fernando Lopez
Pena, Fernando Sedano,
Michele Vadursi, Mitch
Van Ochten, Francois
Auger, Andrea Cozza,
Trond Folkestad, Ye Chow
Kuang, Jianwei Ma, Diego
Ramirez, Valeria Teppati,
Kavita Thakur, Nicholas
Usechak, Robert Vice,
Stephen Bart, Luiz Borges
Da Si, Weng Yew, Richard
Chang, Erik Daniel,
Francisco Ferrero,
Fakhralden Huliehel, Milo
Hyde, Sheroz Khan,
Chethan Kumar Y B,
Carmine Landi, Aime Lay-
Ekuakille, Carl Mccants,
Mile Petkovski, Jose
Rivera Mejia, Roberto
Saletti, and Alberto Vallan.**

Publications

The Table of Contents of the
April Issue of the
Transactions can be found
[here](#).

Education

The [Education Committee of
the IM Society](#) provides
educational activities for the
professional development of
the Society membership and
for the profession.

For ideas, suggestions,
questions, visit our webpage
or email the VP Education
and EdCom Chair,
[Ferdinanda Ponci](#).

To submit new articles, please send an email with your article to [Judy Scharmann](#), subject
line: "IMS Newsletter Article Submission". The next publication will be in April, 2013,

deadline for submission is March 15, 2013.