



IEEE

INSTRUMENTATION AND MEASUREMENT SOCIETY

NEWSLETTER

IMS Newsletter, Issue 7

Quarter 3, 2013

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President's Perspective



Dear Members,

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 are getting close to the end of this year. Personally, this will be also the end of my term as President of the Society. It is strange to realize that two years ago I started in this position. Time flies very fast. I am happy to see that so many things have been done thanks to the people working in our Administrative Committee.

I remember that as soon as I started my term I asked the AdCom to manage the Society as if it were a successful company. By this I meant that we should learn from successful companies and how they do their job. It is important that each process should be analysed to see if it is efficient. Structures had to be revised to find out if they are serving our members. We have revised our internal procedures improving dramatically every process. We had to ask ourselves very difficult questions but I was convinced this was the only way to improve how the Instrumentation and Measurements society was satisfying our members' needs. We have made lots of changes and there may be still some other changes coming in the future. I invite you to visit our web page, find out about all the opportunities to enhance your career either by our publications or educational products or by networking with your colleagues in any of our conferences.

I believe our members are starting to recognize our efforts in improving the society. A clear indication is the large increase in Chapters and also the regions of the world where we can find new or reactivated Chapters. It is interesting to see that they are located in practically all regions of the world. One of the main ideas we have been discussing in our committee is that measurements are present in practically all engineering activities so our Society is vital to other IEEE Societies. We must interact with them at our level, but also Chapters can play a very

Awards



We are pleased to announce that the 2014 Keithley Award has been awarded to Thomas Linnenbrink, Manager, Teqovations, LLC, Colorado Springs, Colorado, USA.

“For pioneering charge-mode analog-to-digital converters and for developing IEEE-standard converter terminology and test methods.”

Congratulations, Tom!

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, 2013.

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

important role showing why we think instrumentation and measurements are fundamental by organizing local or regional technical activities.

As usual I ask you to write to us if you have any ideas. We always learn from you. Our email addresses can be found in the web site.

Please, keep in contact with us. We need you to continue improving the Society.

Thanks!

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

IEEE Educational Activities Board Society/Council Professional Development Award

The IEEE Educational Activities Board (EAB) has voted to recognize the IEEE Instrumentation & Measurement Society's exceptional achievements in professional development activities by awarding the IEEE I&M Society the 2013 IEEE Educational Activities Board Society/Council Professional Development Award with the following citation: “for offering comprehensive educational initiatives in the field of instrumentation and measurement to meet the life-long learning needs of its members”. This award is given to Societies or Councils whose contributions to continuing education and professional development are outstanding as evidenced by their quality, comprehensiveness, innovation or impact.

See the full award letter [here](#).

2012 TIM Metrics

The Transactions on Instrumentation and Measurement (TIM) received the 2012 metrics. We improved on all indices!

Impact factor: 1.357
5-years Impact Factor: 1.382

Immediacy index: 0.255
Cited Half life: 6.6
Citing Half life: 7.5

Eigenfactor score: 0.01467
Article Influence score: 0.408

Chapters

On the [Chapter Activities](#) page on the I&M Society website, you can find resources to help in Chapter formation, Chapter Activities, Chapter funding, etc.

- 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 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.

Please contact [Sergio Rapuano](#), I&M Chapter Liaison with any questions or concerns.

Conferences

Please find a full listing of I&M Conferences at:

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



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

IEEE AUTOTESTCON is the United States' largest conference focused on automatic test systems for US military systems, and has been held annually since 1965. The Conference, whose general theme is The Support Systems Technology Conference, is held in varying cities around the US each fall. Administered by a standing Board of Directors, the Conference typically presents over 120- quality application-focused papers with over 250 Exhibits, all focused precisely on the current issues facing military automated test. Attendance ranges between 650 and 750 (paid) attendees, with an additional 1,000 to 1,200 exhibitor and spouse attendees.

The Conference Registration includes admission to Technical Sessions, a copy of the Proceedings (CD ROM), lunch on Tuesday & Wednesday, Exhibit Hall access, Tuesday Exhibitor Reception, and Wednesday Evening Gala ticket.

AUTOTESTCON 2013 will also host a golf tournament that will be held on Monday, September 16 at the beautiful Makray Memorial Golf Course in Barrington, IL. Makray Memorial is a premier 18-hole championship caliber course, just eight miles from the Renaissance Schaumburg Convention Center Hotel. In addition to the cart and range balls, your \$98 fee includes breakfast, on-course beverages, lunch, snacks and soft drinks.

For more information and to register, visit the website at:

<http://autotestcon.com/>

To view past award recipients, click [here](#)

Membership

The I&M Society invites you to join their group on LinkedIn! 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!](#)

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.

2013 IEEE INTERNATIONAL WORKSHOP ON M&N Measurements and Networking

October 7-8, 2013 | Naples, Italy

M&N 2013 will be held 7-8 October 2013 in Naples, Italy.

The 2nd IEEE International Workshop M&N 2013 aims to represent a forum for researchers and practitioners from industry, academia, and government interested in the areas of measurements, communications, computer science, wireless systems, sensor networks and to foster discussion on the role of both measurements for networking and networking for measurements. The workshop will provide the opportunity to gather complementary competencies from different fields, and discuss recent results and trends on related highly interdisciplinary topics.

For more information, visit the website at:

<http://mn2013.ieee-ims.org/>

2013 IEEE INTERNATIONAL CONFERENCE ON IST IMAGING SYSTEMS AND TECHNIQUES

October 22-23, 2013 - Beijing, China

IST 2013 will be held 22-23 October 2013 in Beijing, China.

IST 2013 deals with the design, development, evaluation and applications of imaging systems, instrumentation, and measuring techniques, to enhance detection and image quality. Applications for aerospace, medicine and biology, molecular imaging, metrology, Ladars and Lidars, radars, homeland security, and industrial imaging, with emphasis on industrial and medical tomography, corrosion imaging, and non-destructive evaluation (NDE), will be covered.

For more information, visit the website at:

<http://ist2013.ieee-ims.org/>



2014 IEEE

SENSORS APPLICATIONS SYMPOSIUM

Rydges Lakeland Resort

Queenstown, New Zealand - February 18-20, 2014

SAS 2014 will be held 18-20 February 2014 in Queenstown, New Zealand.

Abstract Submission Deadline:

20 September 2013 ([Call for Papers](#))

For more information, visit the website at:

For more information, go to the [IEEE website](http://sensorapps.org/).

<http://sensorapps.org/>

Congratulations to the newly elevated Senior Members for 2013 thus far:

Mudrik Alaydrus, Bruno Ando, Mohammad Fazie Azeem, Keshav Bapat, Raja Boddu, Sebastian Catunda, Moitin Chew, Fernando De Sousa, Yu-Cheng Fan, Alan Finkel, Dale Gaerke, Arthur Hartog, Mindykowski Janusz, Joe Jordan, Efthymios Karabestos, Volodymyr Kochan, Mladen Koprivica, Juha Kostamovaara, Navneet Kothari, Erick Maxwell, Gerardo Miramontes de Leon, Nicola Pasquino, Sergio Saponara, Peter Silbermann, Andrew Street, Laszlo Sujbert, , Nicola Pasquino, Pedro M Ramos, David Rick, Chen Xiyuan



I2MTC 2014 will be held 12-15 May 2014 in Montevideo, Uruguay.

Abstract Submission Deadline:
15 October 2013 ([Call for Papers](#))

For more information, visit the website at:

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

Publications

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

Education

Distinguished Lecturer Program

The I&M Society Distinguished Lecturer Program (DLP) provides I&M chapters around the world with talks by experts on topics of interest and importance to the I&M community. The

Distinguished lecturers for
2013 are:

Phil Bartley
Gourab Sen Gupta
Jacob Scharcanski
**Annamaria Varkonyi-
Koczy**
Yong Yan
Wuquang Yang
Reza Zoughi

For more information on
DLP, view the website [here](#)
or contact the I&M DLP
Chair, [Kristen Donnell](#)

The [Education Committee of
the IMS 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 Quarter 4, 2013, deadline for
submission is September 20, 2013.