

You're receiving this Newsletter because you are a member of the IEEE I&M Society.



INSTRUMENTATION AND MEASUREMENT SOCIETY
NEWSLETTER

IMS Newsletter, Issue 2

July, 2011

In this issue

- [President's Perspective](#)
- [Society News](#)
- [Awards](#)
- [Conferences](#)
- [Membership](#)

Society News

Invitation for IEEE Smart Grid Newsletter

After only four months of publication, the IEEE Smart Grid Newsletter has already amassed nearly 2,000 subscribers, with more subscribers signing up with each issue.

The newsletter is being read by Smart Grid stakeholders throughout the U.S., Canada, China, Australia, India, Germany, Brazil, Egypt, Saudi Arabia, and the United Kingdom.

Many insightful articles have been published, such as

- Advanced Metering Infrastructure Will Have Unexpected Impacts on Utilities;
- Beyond the Meter: Lessons From Commerce and Industry;
- Guaranteeing the Security of an Increasingly Stressed

President's Perspective

Cost Vs. Benefit

In February, Roger Pollard, a member of TAB, asked this question in a Linked-In forum, "Why are fewer IEEE members joining Societies?" For most respondents cost versus benefit concisely summarized their concerns. The responses included the following:

- Digital library access is already in universities and large companies
- Free magazine is the only perk for most societies
- Payment for papers in IEEE Xplore is costly
- Most journals are not suited to practitioners; they are too theoretical and far too few applications. One respondent wrote, "big articles, lots of words, small summaries."

Here are some proposed solutions. Some or all of them should be implemented for IEEE, and IMS in particular, to remain relevant and useful to you.

- interactive publications on society websites
- virtual conferences so that members who cannot travel can still gain some benefit with readily available keynote addresses online
- For practitioners the following would be useful:
 - more application content in the journals and magazines
 - application and round table webinars to serve those who cannot travel
 - interactions with entrepreneurs
 - continuing education
 - career growth guidance (mentorship)

The IMS AdCom is wrestling with these issues.

Grid;
• How Should Measurement Uncertainties Be Expressed in a Smart Grid Scenario?

Please consider submitting an article to the Smart Grid Newsletter. The commitments to author an article for the IEEE Smart Grid Newsletter are relatively easy to meet. Articles are generally around 800 words long and editing support is provided. New information and new perspectives are encouraged on all areas of Smart Grid: storage; transmission & distribution; metering; economic concerns; consumer education; practical implementation; security, both physical and cyber as well as privacy; and international advances. Those interested in authoring should contact Dr. Massoud Amin at amin@umn.edu.

2011 I&M Society Officers

President: [Kim Fowler](#)

Exec. VP: [Jorge Daher](#)

VP Finance: [Ruth Dyer](#)

VP Conferences: [Bob Krchnavek](#)

VP Pubs: [Shreekanth Mandayam](#)

VP Membership: [Mihaela Albu](#)

VP Technical: [John Schmalzel](#)

VP Education: [Reza Zoughi](#)

Once the website is redesigned in several months, weigh in at <http://www.ieee-ims.org/main/index.php> and click on the "Membership" tab and find the discussion forum and contribute to the online discussion.

[Kim Fowler](#)

President, IEEE I&M Society

Awards

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. [Click here to nominate.](#)
- 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. [Click here to nominate.](#)
- 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. [Click here to nominate.](#)
- 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. [Click here to nominate.](#)

Nominations for the 2011 awards cycle are now being accepted.

Rik Pintelon of Vrije Universiteit Brussel has been named the 2012 **Joseph F. Keithley Award** recipient. Congratulations, Rik!

Treasurer: [Frank Reyes](#)

Sr. Past Pres: [Stephen Dyer](#)

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

Technical Committees

The IEEE Instrumentation and Measurement Society currently has 36 Technical Committees. To learn more about each committee and how to get involved, go to the I&M Society website at:

<http://www.ieee-ims.org/main/>

and click "Technical Committees".

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](#)

[Facebook](#)

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?

Congratulations to our latest Senior Members: **Arijit Basu Ray, Richard Candell, Yonuk Chong, Robin Dykstra, Eric Femi, Yanfeng Gong, Dardo Guaraglia, Dong Ming, Yihong Qi, Jose Rocha Neto, and Romuald Zielonko.**

I&M Fellows - Class of 2011

Voicu Groza

University of Ottawa
for contributions to floating-point analog-to-digital conversion

Sergey Kharkovsky

Missouri University of Science & Technology
for contributions to microwave techniques for the evaluation of materials and structures

Subhas Mukhopadhyay

Massey University
for development of low-cost smart sensors and sensing systems

Yong Yan

University of Kent
for contributions to pulverized fuel flow metering and combustion flame imaging.

Conferences

Upcoming Conferences

[IEEE AUTOTESTCON](#)

September 12-15, 2011
Baltimore, MD, USA

Future of Instrumentation International

Workshop will be held November 7-8, 2011 at the Oakridge National Laboratory, Oakridge, TN, USA.

For more information, visit the website at:

<http://futureinstruments.ornl.gov/>

Smart Measurements for Future Grids will be held November 14-16, 2011 in Bologna, Italy.

Abstract Submission Deadline:
July 15, 2011

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](#).

Acceptance/Rejection Notification:
August 15, 2011

Final Manuscript Submission and Registration:
September 15, 2011

For more information, visit the website at:

<http://smfg2011.ieee-ims.org/>

2012 IEEE Sensors Applications Symposium (SAS) will be held February 7-9, 2012 at the University of Brescia, Italy.

Abstract Submission Deadline
October 1, 2011

Acceptance/Rejection Notification
November 10, 2011

Final Manuscript Submission and Registration
December 23, 2011

For more information, visit the website at:

<http://sensorapps.org/>

2012 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) will be held May 13-16, 2012 in Graz, Austria.

Abstract Submission Deadline
November 6, 2011

Acceptance/Rejection Notification
December 30, 2011

Final Manuscript Submission and Registration
March 4, 2012

For more information, visit the website at:

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

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 October, 2011, deadline for submission is September 15, 2011.