



INSTRUMENTATION & MEASUREMENT SOCIETY NEWSLETTER

August 2021

About the IEEE Instrumentation and Measurement Society Newsletter

Engineers today start their careers with excellent technical skills and subject matter. The IEEE Instrumentation and Measurement (I&M) Newsletter includes time sensitive news useful to its members and highlights content of the current issue of *IEEE Instrumentation and Measurement Magazine*.

Welcome Message from I&M Society President



Dear IEEE Instrumentation & Measurement Society Members:

The IEEE I&M Society is closely monitoring developments related to the rapidly evolving COVID-19 pandemic.

The health and safety of our volunteers is the number one priority of our Society. The IMS Executive Committee is working diligently with IEEE to define a course of action that will take local regulations into consideration while ensuring that the hard work of our conference organizers and authors is not minimized by the impact of this pandemic.

We want to keep all of you informed as best as possible. Please continue to check [our website](#) for updates about upcoming conferences and events.

Wishing you the very best,

Salvo Baglio
President of the IEEE Instrumentation and Measurement Society

Benefit of I&M Membership

As our mission statement says, the Instrumentation and Measurement Society Administrative Committee strives to "provide the most comprehensive and high-quality services to our members and related professionals." The I&M Society has a wide range of activities and benefits to offer our members. These are detailed on our [website](#) highlighting the available services and products.

There also are many opportunities for our members to become involved in volunteer leadership positions that help promote the instrumentation and measurement profession. We invite you to become involved today!

Meet the AdCom

Helena Ramos, I&M Society Treasurer

Do you enjoy diving as much as Helena?

Follow the link below to read Helena's interview.

[Read Here](#)

I&M Membership News

Report from IMS WIE Liaison Ferdinanda Ponci

On 22 May 2021 the IMS AdCom has agreed to take the WIE Pledge on diversity in IEEE Conferences and events. This Pledge formalizes a practice that the IMS has long followed, starting from the AdCom candidates, members and Officers, and also extended to editorial boards and events.



Years of such practice result in a portion of female AdCom members (exceeding 1/3) that exceeds significantly that of the IMS membership. Two out of three Plenary speakers are female at I2MTC 2021, the major conference of IMS. THE IMS LEADS THE WAY IN DIVERSITY!

[More Information Here](#)

Student Chapter Activity Idea

Hold a collaborative event, such as a game night social, with your IEEE Student Branch and invite students in your department. This is a great way to expose new people to your chapter in an informal setting!



Join Our Slack Workspace

Are you a student or young professional IMS member? Join our slack workspace with fellow members from around the world!

[Join Here](#)

I&M Awards News

Congratulations to the 2020 IMS Society Award Winners!

The following individuals were recognized at the virtual 2021 I2MTC. [View the awards ceremony here.](#)



Nominate for the 2022 IMS Education Awards!

The deadline for nominations is 1 February 2022

Best Dissertation Award

[Details](#) | [Nomination Form](#)

Faculty Course Development Award

[Details](#) | [Nomination Form](#)

Graduate Fellowship Award

[Details](#) | [Nomination Form](#)

I&M Publications News

Introducing the IEEE Open Journal of Instrumentation and Measurement

In keeping with the needs of our authors, including those who are obligated by their funding agencies to publish their research results as Open Access, the IEEE Instrumentation and Measurement Society (IMS) is excited to announce the launch of the IEEE Open Journal of Instrumentation and Measurement (IEEE OJIM), IMS's Gold Open Access journal.

Submission Opens 1 September 2021

[Visit the OJIM Website](#)

IEEE TIM is the Number 1 Journal in the Area of General Instrumentation and Measurement

TIM remains the number 1 journal in general instrumentation and measurement, with an Impact Factor of 4.016 compared to last year's 3.658. [View TIM Metrics here.](#)

TIM has been ranked number one in general instrumentation and measurement in terms of Google H-5 index! For more information on TIM, [click here!](#)



IEEE TIM Top Cited and Downloaded Papers

To view the top cited and accessed IEEE TIM Papers, click [here](#).

IEEE TIM Survey/Review papers

Do you want to get an up-to-date and comprehensive tutorial with in-depth analysis on a specific I&M topic? Then check out TIM's Survey/Review papers. These are references that can bring up to speed researchers, for example graduate students who want to start research in their thesis topic, relatively quickly and conveniently in one reading. Here is the [list of all TIM Survey papers](#).

Attention Book Authors

Advertise your book on the IMS website! The Instrumentation and Measurement Society would like to provide a list of book titles written by IMS authors on the [I&M website](#). The Society believes that books are an excellent avenue to disseminate the most advanced state-of-the art within and outside of the community and that the website will help to spread the good news about the hard work of the authors. The guidance below will govern which titles will be displayed. We look forward to your contributions! Visit our [website](#) for terms and guidelines.

I&M Education News

The Instrumentation and Measurement Society is working with IEEE Press and Wiley to develop book topics relevant to the Society through a liaison program. IMS members are invited to publish books relevant to instrumentation and/or measurement through this program, which does not affect the author's share of the book sale revenue. Interested individuals: Please contact either Professor Zheng Liu (zheng.liu@ubc.ca) or Professor Octavia Dobre (odobre@mun.ca) for details.

I&M Society Video Tutorial Program



The I&M Video Tutorials program offers two categories of 20-minute tutorials to I&M members: [The Expert Series](#) (24 available) and [the Classroom Series](#) (3 available). These tutorials are an excellent way to earn CEU/PDH credits!

Video Tutorials (VTs) of the Expert Series are authored by someone who is recognized as an expert (academician or practitioner) in his/her field, while a Classroom Series VT is one typically authored by a graduate student and may be geared more towards specific measurement or instrumentation skills and/or classroom-based lecture topics. If you are interested in being part of the Video Tutorial program, please contact [Professor Salvatore Graziani](#), Editor-in-Chief of the Video Tutorials Program.

[More Information Here](#)

I&M Society Distinguished Lecturer Program

The Distinguished Lecturer Program (DLP) provides I&M chapters and technical events around the world with talks by experts on topics of interest and importance to the I&M community. Our lecturers are among the most qualified experts in their field. More details on the DLP can be found [on our website](#).



The I&M Society continued the "IEEE IMS Virtual Distinguished Lecturer Webinar Series" in Q2 of 2021. This initiative allowed us to continue providing you with our respected and reputable Distinguished Lecturer program. Thank you to all who registered and participated in this lecture series!

If you missed any of the talks, [recordings are available on our website!](#)

For questions or concerns, please contact the DLP Chair, [Kristen Donnell](#).

I&M Technical Committee News

Call for Participation in Technical Committees

I&M has 20 different Technical Committees (TC). Our TCs define and implement the technical directions of the Society. As a fundamental element of the Society all members are invited and encouraged to participate in one or more of its technical committees. Please contact [Ruqiang Yan](#), VP Technical and Standards Activities, or any member of the Technical and Standards Activities Committee, if you are interested in membership in one or more of our TCs. You can also fill the [application form](#) and send it to the chair of your interested TCs. To view the complete list of TCs, visit our [website](#).

Recognition of Technical Achievements and Innovations – Announcement of Issued Patents

We would like to recognize I&M Society members' technical achievements and innovations that have resulted in issued patents during the current calendar year. If you have already been issued a patent in 2016, we wish to add it to the list. To do so [please fill out the form here](#) and we will add the information to the website. In addition, if you are issued a patent in the future, please use the same link to inform us and we will be happy to add it to the list as we intend to continuously update the information in this list.

Council News

The IEEE Systems Journal provides a systems-level, focused forum for application-oriented manuscripts that address complex systems and system-of-systems of national and global significance. It intends to encourage and facilitate cooperation and interaction among IEEE Societies with systems-level and systems engineering interest, and to attract non-IEEE contributors and readers from around the globe. For example, it publishes original contributions on how to deal with disaster response such as that triggered by hurricanes, tsunamis, or current volcanic eruptions that are not solvable by pure engineering solutions.

[Click here for more details on the journal scope.](#)

We invite you to consider this journal as one of the journals where your systems-oriented research results can be published.

I&M Conference News

The Instrumentation and Measurement Society's flagship conference, I2MTC 2021 was held from 17-20 May 2021, and attracted a total of 445 attendees with 324 accepted papers presented from over 40 countries. Due to COVID-19, the conference was unable to take place as an on-site event at its originally scheduled location of Glasgow, Scotland. The conference was switched to a live virtual format with speakers presenting live on-line. The organizing committee used a combination of virtual platforms, CONFLux and Gather.town to help attendees create a productive and interactive experience for technical sessions, live demos, tutorials, networking, panel discussions, and more.

We would like to thank the 2021 General Chairs, Deepak Uttamchandani, and Matthew Maynard, as well as the whole organizing committee for their dedication and hard work which led to a successful I2MTC 2021!

I2MTC plans to return as an on-site conference for 2022. We hope to see everyone in Ottawa, Canada from 16-19 May 2022!

The IMS AdCom met for the spring meeting, held virtually this year, on 21-22 May 2021.



I&M Conference Calendar

The I&M Society is monitoring the fluid situation due to COVID-19 and its impact on I&M Society conferences. Please see below for the most current information as of 30 July 2021, and refer to our [website](#) or individual conference websites for up-to-date information.

We hold numerous workshops throughout the year. Please refer to the Conference Listing to see a full listing.

[Full Conference Listing](#)

For more information on any of the conferences, please contact [Yuri Catunda](#), VP of Conferences for the I&M Society.

IEEE SAS 2021

VIRTUAL | 23-25 August 2021



Due to the consequences of the COVID-19 situation, the SAS 2021 Steering Committee has decided to move the conference to a fully virtual format. We thank you for your understanding, and apologize that we cannot all be in Sweden together this year.

[Conference Website](#)

IEEE IST 2021

VIRTUAL | 24-26 August 2021

The safety and well-being of all conference participants are our top priority. As such, IST 2021 has been postponed to 24-26 August and will be fully virtual. Please visit our website for updated submission deadlines.

[Conference Website](#)

IEEE AUTOTESTCON 2021

CANCELED

The Board of Directors of IEEE AUTOTESTCON and the IEEE AUTOTESTCON 2021 Organizing Committee regret to inform our loyal authors, attendees and exhibitors that IEEE AUTOTESTCON 2021, scheduled for 30 August – 2 September 2021 at the Gaylord National Resort & Convention Center in National Harbor (Oxon Hill) Maryland is hereby canceled due to the ongoing COVID-19 pandemic and our concern for attendee safety. We looked at doing a virtual version of the conference but a survey of recent authors and attendees provided negative feedback on this approach.

[Conference Website](#)

IEEE AMPS 2021

VIRTUAL | 29 September - 1 October 2021

[Conference Website](#)

IEEE ISPCS 2021

VIRTUAL | 26 - 28 October 2021

[Conference Website](#)

IEEE ROSE 2021

VIRTUAL | 28 - 29 October 2021



[Conference Website](#)

IEEE ICCVE 2022

HYBRID | 21 - 23 February 2022



The 2022 IEEE ICCVE will be organized as hybrid event with Florida Polytechnic University as anchor location and participation of multiple physical support locations (to be defined) in all major world regions linked by a joint global virtual platform.

[Conference Website](#)

IEEE I2MTC 2022

Ottawa, Canada | 16 - 19 May 2022

[Conference Website](#)

IEEE AUTOTESTCON 2022

National Harbor, MD, USA | 28 - 31 August 2022

[Conference Website](#)

Technically Co-Sponsored Conference Listing

5th International Symposium on Instrumentation Systems, Circuits and Transducers (INSCIT 2021)

Campinas, Brazil 23-27 2021 August

[Visit Conference Website](#)

International Conference on Sensing, Measurement & Data Analytics in the Era of Artificial Intelligence (ICSMD 2021)

Nanjing, China 21-23 2021 October

[Visit Conference Website](#)

To include a conference in this listing, contact [Judy Scharmann](#) for details.

Publications

IEEE Instrumentation & Measurement Magazine

The latest issue of [IEEE Instrumentation & Measurement Magazine](#) is in the mail and is retrievable now from IEEE Xplore, the IEEE online digital library.

All *IEEE Instrumentation & Measurement Magazine* subscribers can access the online edition using their [IEEE Account](#).

Latest Issues

[August 2021](#)

[June 2021](#)

[May 2021](#)

[April 2021](#)

[February 2021](#)



IEEE Senior Membership

IEEE Senior Membership is the highest grade for which application may be made and requires experience reflecting professional maturity. Candidates need to 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.

[2021 I&M Officers](#)

[I&M AdCom Members](#)

[Additional AdCom Appointments](#)
