

## Short report about Instrumentation and Measurement Society's initiatives and sponsored events

### Initiatives

#### Video tutorials:

The tutorials can be accessed on IMS website: <http://iee-ims.org/evts/tutorials> and on the IEEE TV: <https://ieeetv.ieee.org/channels/ims>. Total number of videos is 13. More were recorded at I2MTC 2018 in Houston which will be posted soon.

#### Industry participation in IMS Conferences:

Two industry oral tracks were organised in I2MTC 2018 in Houston, USA. The format remains the same:

- Industry papers limited to less than 3 pages
- First/corresponding author must be from industry
- Not submitted for publication in IEEE Xplore

There is some discussion around having instrument suppliers to conduct tutorial sessions at I2MTC 2019 in which the participants will be given some hands-on experience, albeit using the supplier's instruments and equipment. These sessions are not meant to promote products. It is envisaged that this will encourage more companies to support the conference as sponsors and exhibitors.

#### Initiatives for Young Professionals and Student Members:

- (a) Young Professionals Get-together at I2MTC 2018
- (b) Student Panel at I2MTC 2018
- (c) Technical Visits for students during I2MTC 2018
- (d) IMS student members will be given the first priority for Student Travel Grants
- (e) Best Student Chapter Award

#### Technical Committee (TC):

The list of IMS TCs is available at <http://iee-ims.org/technical-committees>. There are now 21 TCs. TCs are being promoted as the I&M Society's "Centres of Expertise". It is important for the TCs to be linked to other I&M Society functions, such as conference special sessions, and providing nominations for Distinguished Lecturers and the IMS Graduate Fellowship grants.

### IEEE International Sensors and Measurement Systems Student Contest (IEEE IS&M-SC)

This international competition addresses Master's and Ph.D. students and aims to stimulate submissions of innovative ideas for applications in the area of sensors and measurement systems.

The 2017-2018 IEEE International Contest of Sensors and Measurement Systems is jointly promoted and organized by IEEE Instrumentation and Measurement Society (IMS) and IEEE Sensors Council (SC) and is sponsored by STMicroelectronics. STMicroelectronics will provide to each team selected one SensorTile® kit plus two SensorTile "Core System" ([www.st.com/sensortile](http://www.st.com/sensortile)), which will be the common platform to be used to develop the proposed project.

Participating members of teams selected will develop their application in their University laboratories and will have to attend one of the live demonstration sessions that are planned in three different venues co-located with international conferences in the areas of sensors and measurement systems. For each demonstration event, two awards will be assigned (1st and 2nd place) for the best "Sensors and Measurement Systems" application.

The event was organised in SAS 2018 which was held in March in Seoul, Korea and in I2MTC 2018 which was held in May in Houston, USA.

### Incentivising Local IMS Chapter:

The IMS AdCom is currently discussion how to incentivise the local IMS chapters to contribute more to the successful organisation of IMS sponsored conferences, especially I2MTC. Proposals on the table are:

- (a) Share a percentage of profit with the chapter with the amount capped.
- (b) Give a fixed amount to the chapter. This will be decided before the conference and will be budgeted as expenses
- (c) Provide a certain number of free registrations to the Chapter volunteers for the conference.

## Workshops, Symposia and Conferences:

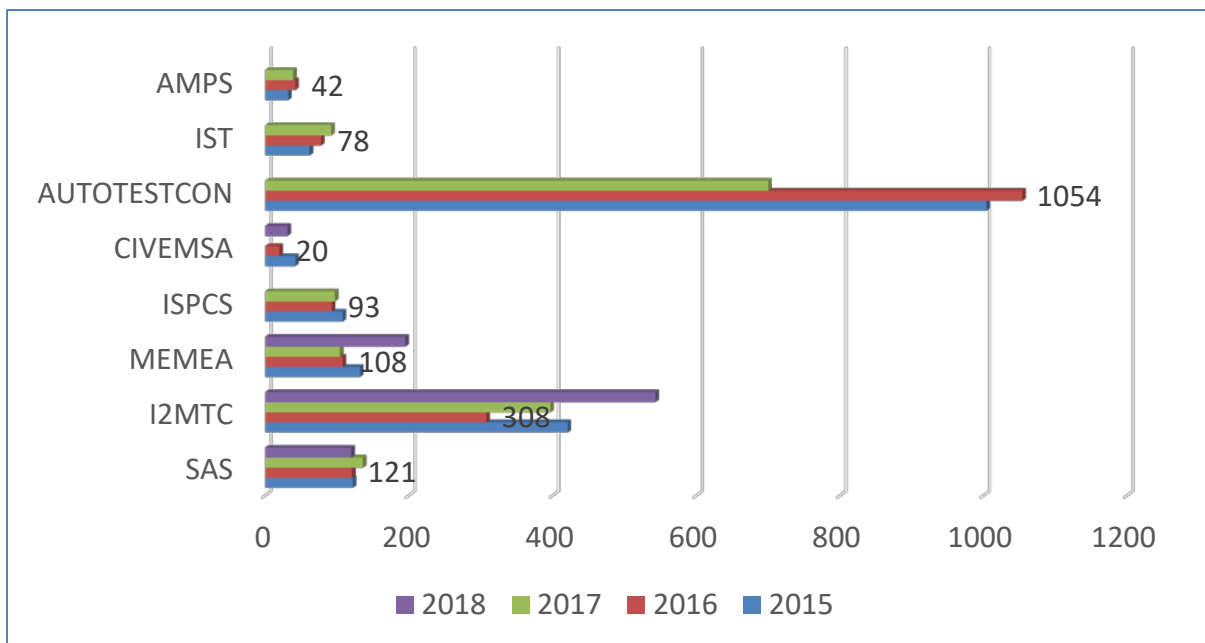
IMS sponsors several workshops, symposia and conferences, all related to the field of instrumentation and measurement ( <http://ieee-ims.org/conferences-list/upcoming> )

The 2018/2019 editions are:

Sponsored Conferences		
Title	Location	Conference Date
<b>AUTOTESTCON 2018</b>	United States	2018-09-17 to 2018-09-20
<b>IEEE International Symposium on Haptic Audio-Visual Environments and Games 2018</b>	China	2018-09-20 to 2018-09-21
<b>2018 IEEE 9th International Workshop on Applied Measurements for Power Systems (AMPS)</b>	Italy	2018-09-26 to 2018-09-28
<b>2018 International IEEE Symposium on Precision Clock Synchronization for Measurement, Control, and Communication (ISPCS)</b>	Switzerland	2018-09-30 to 2018-10-05
<b>IEEE International Conference on Imaging Systems and Techniques 2018</b>	Poland	2018-10-16 to 2018-10-18
<b>IEEE Sensors Applications Symposium 2019</b>	France	2019-03-11 to 2019-03-13
<b>2019 IEEE International Instrumentation &amp; Measurement Technology Conference (I2MTC)</b>	New Zealand	2019-05-20 to 2019-05-23
<b>2019 IEEE International Symposium on Medical Measurements &amp; Applications (MeMeA)</b>	Turkey	2019-06-26 to 2019-06-28
<b>AUTOTESTCON 2019</b>	United States	2019-09-09 to 2019-09-12

Technical Co-Sponsored Conferences		
Title	Location	Conference Date
2018 International Conference on Indoor Positioning and Indoor Navigation (IPIN)	France	2018-09-24 to 2018-09-27
2018 IEEE International Conference on Smart Materials and Spectroscopy (SMS)	Tunisia	2018-10-12 to 2018-10-15
Mediterranean Microwave Symposium (MMS 2018)	Turkey	2018-10-31 to 2018-11-02

**Conference participation data:**



**AMPS** (Int. Workshop on Applied Measurements for Power Systems)

**IST** (Int. Conference on Imaging Systems and Techniques)

**AUTOTESTCON**

**CIVEMSA** (Computational Intelligence and Virtual Environment for Meas. Systems and App.)

**ISPCS** (Int. IEEE Symposium on Prec. Sync. for Meas., Control and Communication)

**MeMeA** (Medical Measurements and Applications)

**I2MTC** (Int. Instrumentation and Measurement Technology Conference)

**SAS** (Sensors Application Symposium)