

## 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>. There are plans to record a few more videos during I2MTC 2018 in Houston in May. Total number of video is 13.

One of the tutorials by A/Prof Gourab Sen Gupta on the topic ***Sensor Applications in Agriculture and Food Industry*** was featured in ***the institute*** issue of 6 April 2018 under the article titled "Learn about the Future of Food Production with These Four Videos".

#### Industry participation:

Two industry tracks have been scheduled 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

#### 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

#### TC:

The list of IMS TCs is available at <http://iee-ims.org/technical-committees>. There are now 20 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), 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.

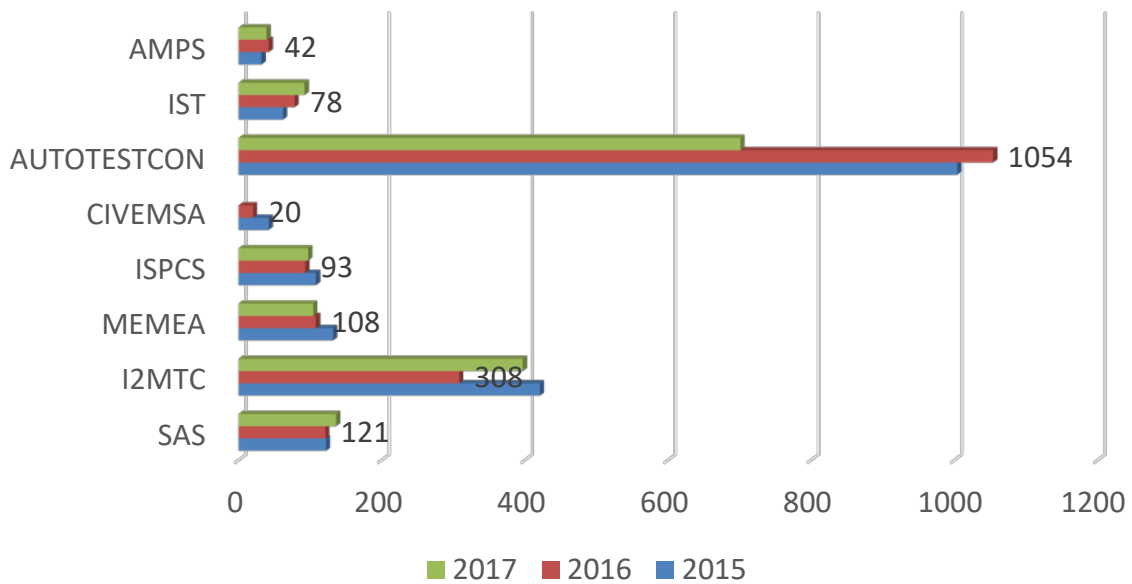
### Workshops, Symposia and Conferences:

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 editions are:

Sponsored Conferences		
Title	Location	Conference Date
<b>2018 IEEE International Instrumentation &amp; Measurement Technology Conference (I2MTC)</b>	United States	2018-05-14 to 2018-05-17
<b>2018 IEEE International Symposium on Medical Measurements &amp; Applications (MeMeA)</b>	Italy	2018-06-11 to 2018-06-13
<b>IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (CIVEMSA 2018)</b>	Canada	2018-06-12 to 2018-06-14
<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

Technical Co-Sponsored Conferences		
Title	Location	Conference Date
2018 IEEE Radar Conference	United States	2018-04-23 to 2018-04-27
5th IEEE International Workshop on Metrology for AeroSpace	Italy	2018-06-20 to 2018-06-22
Conference on Precision Electromagnetic Measurements 2018	France	2018-07-08 to 2018-07-13
2018 IEEE International Symposium on Flexible Electronics	Canada	2018-08-07 to 2018-08-09
3rd International Symposium on Instrumentation Systems, Circuits and Transducers	Brazil	2018-08-27 to 2018-08-31
2018 International Symposium in Sensing and Instrumentation in IoT Era	China	2018-09-06 to 2018-09-07
2018 International Conference on Indoor Positioning and Indoor Navigation (IPIN)	France	2018-09-24 to 2018-09-27



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

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

**AUTOTESTCON**

**CIVEMSA** (Computational Intelligence and Virtual Env. 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)