

## **MTA2017 to spotlight new technologies with specialised zones**

**Singapore, 10 November 2016** – In a global manufacturing outlook [report](#), 49 per cent of manufacturers surveyed were reported to be investing six per cent of their revenues in R&D and innovation, in a push to transform their businesses. Asian manufacturing companies surveyed exhibited the highest investment expectations, with a majority of respondents from China, Japan and India indicating they would spend more than six per cent of their revenues on technology and innovation. 25 per cent of the respondents have already poured investment in avant garde technologies such as 3D printing.

Riding on a wave of renaissance in the industry, MTA2017 – Asia's premier manufacturing technology industry event returning from 4 to 7 April at the Singapore Expo, will kick off a host of new features – The Optics & Photonics Innovation Hub, The Semiconductor Innovation Centre, and a 3D Printing Seminar.

“As manufacturing continues to evolve and value creation has become an integral component of the change process, many traditional manufacturing businesses in the Asian region need to become agile and embrace change. The new features, along with the recurring Capabilities Hub, are designed to serve industry players who are looking to leverage on technology and innovation to maintain their market leadership and stay ahead of the change curve,” says Mr. William Lim, Project Director of Machinery Events at [Singapore Exhibition Services](#), organiser of MTA2017.

Lim adds, “More importantly, the newfound knowledge and skillsets will ensure that companies and their workforce will be well-positioned for growth opportunities in the new manufacturing era.”

### **MTA2017: Spotlighting advanced technologies for high-value manufacturing**

#### Optics & Photonics Innovation Hub

In collaboration with the Optics and Photonics Society of Singapore (OPSS), LUX Photonics Consortium and the Photonics Institute, the [Optics and Photonics Innovation Hub](#) is dedicated to showcasing

products and services in the field of optics and photonics. This specialised zone will bring together industry and academic leaders, manufacturers and suppliers to showcase the latest research and innovative products. Soda Vision, Del Mar Photonics / Team Photon Inc, Wavelength Opto-Electronic, Sintec Optronics and PI (Physik Instrumente) Singapore are among some of the confirmed exhibitors in the zone.

“MTA is a wonderful platform for both local and international industry players in optical engineering to share knowledge, network and support one another in the region. The Optics and Photonics Society of Singapore (OPSS) is pleased to participate in MTA2017 in the Optics and Photonics Innovation Hub, as well as organise the icOPEN2017 conference. Through these initiatives, we hope to continue building and reinforcing the connections between industry and academia,” says Professor Anand Asundi, Chairman of OPSS.

“The LUX Photonics Consortium’s main objective is to bring industry and academia together to collaborate on photonics research and innovation, and provide access to our member companies to global photonics research and industry network. MTA is one of the most established events that gather companies in various vertical segments of the market which are enabled by photonics technologies. Our participation in setting up the Optics & Photonics Innovation Hub provides a platform for our member companies to showcase their products and services in the optics and photonics sector, and expand their industry and business networks effectively,” adds Professor Tjin Swee Chuan, Chairman of LUX Photonics Consortium.

Some member companies of LUX Photonics Consortium confirmed to be participating at MTA include Finisar Singapore, Einst Technology, Hylax Technology, II-VI Singapore, D’Optron, Tip Biosystems, Lighthouse Photonics and Hillhouse Technology.

#### Semiconductor Innovation Centre

According to the World Semiconductor Trade Statistics (WSTS), the [worldwide semiconductor market](#) is expected to increase 2 per cent in 2017 and 2.2 per cent in 2018. At MTA2017’s [Semiconductor](#)

[Innovation Centre](#) , visitors can get up close and personal with advanced semiconductor manufacturing technologies and solutions made for the evolving global electronics market, and learn how harnessing these technologies and solutions will enable the industry to compete in the global market. Some companies on board include Sandvik South East Asia, ISO-Dynamique Microsystems and Onn Wah Tech.

#### 3D Printing @ MTA

Advances in additive manufacturing, or 3D printing as it is commonly known, have seen the application of more and more materials to the process and the creation of innovative solutions for the manufacturing industry. Besides a [3D Printing](#) Technology Tour, a new 3D Printing Seminar will be held to impart technological updates, opportunities, issues and challenges impacting the industry. The National Additive Manufacturing Innovation Cluster and the Additive Manufacturing Innovation Centre by Nanyang Polytechnic will be featured on the show floor.

#### Capabilities Hub

A centrepiece at MTA, the [Capabilities Hub](#) gathers local parts and component manufacturers and service providers to highlight their manufacturing competencies in the high-value sectors of Aerospace, Complex Equipment, Medical Technology and Oil & Gas. Organised in partnership with the Singapore Institute of Manufacturing Technology (SIMTech), this area will see local and overseas players converge to network, exchange knowledge, discuss potential collaborations and forge partnerships.

Confirmed exhibitors include CEI Limited, Microcast, Eratech, Solidmicron Technologies, Nano Technology Manufacturing, Onn Wah Precision Machining, Fujicon Engineering, Autec Solutions, ST Kinetics Integrated Engineering, JEP Precision Engineering and Wah Son Engineering, to name a few.

#### **MetrologyAsia2017: Serving industry's demands for precise engineering**

Metrology solutions are important to the manufacturing process, from miniature electronics, intricate medical devices and precision

components to large aircraft structures and oil & gas parts. MetrologyAsia2017 is dedicated to showcasing cutting-edge metrology and inspection equipment and spotlighting companies specialising in high-end test and measurement apparatuses and systems. Attendees will learn about the latest in metrology solutions from the top technology providers around the world.

### **Conferences for knowledge and skills upgrade**

In a rapidly changing business landscape, having the right information at the right time is essential to business sustainability and success. With knowledge sharing being a vital element, the conferences at MTA2017 are specially formulated to enhance industry professionals' insights in new manufacturing concepts.

The Smart Manufacturing Asia conference will have industry thought leaders and experts delving into pertinent topics and offering practical tips in digital manufacturing, Industry 4.0, robotics and industrial automation.

The Precision Engineering Centre of Innovation (PE COI) Annual Conference and the International Conference on Optical and Photonic Engineering (icOPEN), both having seen highly successful editions, will return to debate on latest trends and issues facing the precision engineering industry.

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