HETEROGENEOUS
TECHNOLOGY
ALLIANCE

HTA TO PRESENT STRATEGY TO MAINTAIN EUROPE SOVEREIGNTY IN MICRO- AND NANOTECHNOLOGIES & SMART SYSTEMS

Special Event in Brussels on April 24 Gathers Research Institutes' CEOs, European Commissioners and Key European Industrials

BRUSSELS – April 17, 2018 – The Heterogeneous Technology Alliance (HTA), an association of four major European research institutes in micro- and nanotechnologies – Leti (France), Fraunhofer (Germany), CSEM (Switzerland), and VTT (Finland) – will host its 10th anniversary event in Brussels on April 24.

The event will address Europe's standing in the race towards innovation in the age of hyperconnectivity, an initiative that leverages each research and technology organization's expertise through Horizon 2020 – a Europe 2020 flagship program aimed at securing Europe's global competitiveness. Colette Maloney, head of Competitive Electronics Industry, European Commission, DG Connect, will discuss the outlook for micro- and nanosystems in H2020 and FP9. Key industrials – GlobalFoundries, Soitec, Nestlé, Murata – will also provide their visions for Europe.

Guests will discover how European RTOs are working hand-in-hand with industry to strengthen Europe's competitiveness. The event will feature live tech demonstrations highlighting HTA project successes in various fields. Here are a few examples:

Healthcare:
- Disruptive quantum magnetometers will reduce the cost of magnetoencephalography (MEG) devices, while improving diagnosis and treatment for epileptic patients
- An optical coherence tomography (OCT) microsystem used for skin cancer detection

Telecommunication:
- A wireless broadband technology that gives everyone access to the Internet, even citizens located in remote rural places. This technology can also be used to improve maritime communication.

Automotive:
- MEMS micro mirror enabling environment scanning for autonomous driving
- Flexible display demonstrator for automotive and architectural-infrastructure lighting solutions

Energy:
- Automated – cell and module – industrial photovoltaic production for regaining and securing European renewable energy markets

Agriculture & Food:
- Using Big Data for sustainable agriculture, forestry, and fishing
- A miniaturized grating spectrometer that exhibits very low volume and power consumption, perfectly suited for the integration in mobile devices and on-site testing of food

DATE: APRIL, 24th, 2 pm
LOCATION: Résidence Palace, Centre de presse international, Polak Room
Rue de la Loi 155.
For more information: HTA Anniversary

About HTA
HTA combines the experience of four of Europe's leading research institutes in microelectronics. The HTA is a novel approach to creating and developing microtechnologies, nanoelectronics, and smart

systems for next-generation products and solutions. By pooling the capabilities and facilities of CEA (Leti and Liten), CSEM, the Fraunhofer Group for Microelectronics and VTT, the HTA creates coherence and synergies between leading teams and research infrastructures in the fields of miniaturization and systems integration. Operated as a one-stop shop for complete system solutions, the HTA guarantees simple access to an enlarged portfolio of technologies and is structured to facilitate technology transfer to European and non-European companies. With a combined staff of more than 5,000 scientists and a portfolio of more than 3,000 patents, the HTA is de facto the largest European organization in the field.