

leti
cea tech

LETI DAY

INNOVATION FOR INDUSTRY

OCTOBER 19, 2018
HSINCHU SCIENCE PARK, HSINCHU



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HSINCHU SCIENCE PARK, TAIWAN



08:55 Welcoming address, Mr. Yann Gallais, CEA-Tech Representative in Asia

INTRODUCTION SESSION

09:00 LETI overview and latest results, Dr. Emmanuel Sabonnadière, CEO, CEA-Leti

09:20 Brain-inspired technologies: towards chips that think?, Dr. Barbara De Salvo, Chief Scientist, CEA-Leti

END OF MOORE'S LAW (AND WHAT'S NEXT) SESSION

09:40 **Keynote/** Maturity of the SOI Ecosystem, Dr Carlos Mazure, Chairman and Executive Director, SOI Industry Consortium

10:00 Alternative lithography programs: direct-self-assembly, Nanoimprint lithography, Maskless lithography, Dr. Laurent Pain, Silicon Technology Division, CEA-Leti

10:20 LETI technology offer, Dr. Laurent Clavelier, Head of Silicon Technology Division, CEA-Leti

10:40 Emerging devices for quantum computation, Dr. Maud Vinet, Advanced CMOS Program Manager, Silicon Technology Division, CEA-Leti

11:00-11:15 **COFFEE BREAK**

WIRELESS COMMUNICATION AND IOT SESSION

11:15 5G networks to reduce latency, Dr. Lionel Rudant, Strategic Program Manager, Systems Division, CEA-Leti

11:40 Wireless for IoT, Dr. Eric Mercier, Head of Integrated Architectures and RF Laboratory, Architecture, IC Design and Embedded Software Division, CEA-Leti

12:05-13:30 **LUNCH BREAK & TECHNOLOGY EXHIBITION**

MORE THAN MOORE SESSION

13:30 Intelligent devices at the edge, Dr. Marc Duranton, Fellow & International expert, Architecture, IC Design and Embedded Software Division, CEA-Leti

13:55 **Keynote/** Leverage MEMS Eco-systems in Taiwan via Micro Devices Laboratory (MDL) and micro Sensors and Actuators Tech. Consortium (uSAT), Prof. Waileun Fang, PME Department, NEMS Institute, NTHU

14:20 Update on LETI MEMS technology, Dr. Philippe Robert, Head of Microsystems Section, Silicon Components Division, CEA-Leti

14:45 Latest display technology developments, Mrs. Sylvie Joly, Business Developer in Displays, Optics & Photonics Division, CEA-Leti

15:10 Silicon photonics for telecommunications, Mrs. Eléonore Hardy, Business Developer in Silicon Photonics, Optics & Photonics Division, CEA-Leti

15:35 Leti-Taiwan cooperation through EU programs, Dr. Laurent Herault, VP Europe, Head Office, CEA-Leti

15:50 Closing remarks, Dr. Emmanuel Sabonnadière, CEO, CEA-Leti

16:00-18:00 **NETWORKING**
