

FROM RESEARCH TO INDUSTRY

cea tech

# TECH DAYS

INNOVATION FOR INDUSTRY

OCTOBER 16 & 17, 2018

KEIO PLAZA HOTEL, TOKYO



# LITEN DAY

OCTOBER 16, 2018  
KEIO PLAZA HOTEL, TOKYO

**liten**  
cea tech



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

09:00 CEA-Liten, a world-class R&D organization offering innovative solutions in renewable energy sector from materials to systems, Dr. Florence Lambert, CEO, CEA-Liten

## INTEGRATION OF RENEWABLE ENERGIES

09:20 Dynamic optimization of multi-energy systems for the integration of renewable energy, Dr. Stéphane Colasson, Head of Energy Systems and Demonstrations Laboratory, Biomass, Thermal & Hydrogen Technologies Division, CEA-Liten

09:55 PV technological roadmap and innovative PV applications

Recent development on advanced PV technologies and their bankability,  
Dr. Anis Jouini, Head of Division, Solar Technologies Division, CEA-Liten

Innovative and smart PV integration: current situation and new challenges,  
Mr. Franck Al Shakarchi, Head of Solar, Storage & Smart Grid Systems Section, Solar Technology Division, CEA-Liten

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10:25-10:40 COFFEE BREAK & TECHNOLOGY EXHIBITION

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## ELECTRIC & SMART MOBILITY

10:40 **Keynote speech** : Masaki Toriumi, Alliance Global Director, Powertrain and EV Engineering Division, Nissan Motor Co., Ltd.

11:15 CEA Tech multiscale modeling capability for electric mobility simulations (EVs & FCVs): towards better safety, performances and durability,  
Dr. Didier Jamet, Head of Electrical Architecture, Modeling & Analysis Section, Electricity and Hydrogen for Transportation Division, CEA-Liten

11:50 Structural electronics for greener and smarter mobility,  
Mrs. Emmanuelle Veran, Industrial Partnership Manager, New Materials Division, CEA-Liten

12:25 Closing remarks, Dr. Florence Lambert, CEO, CEA-Liten

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12:25-14:00 LUNCH & NETWORKING

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# LETI DAY

OCTOBER 17, 2018  
KEIO PLAZA HOTEL, TOKYO

leti  
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08:55 Welcoming address, Mr. Yann Gallais, CEA-Tech Japan Representative

## INTRODUCTION SESSION

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

09:20 LETI scientific strategy for the future, Dr. Barbara De Salvo, Chief Scientist, CEA-Leti

09:40 **Keynote speech:** Smart substrates for smart things, Dr. Carlos Mazure, EVP & CTO, Soitec

10:00 LETI technology offer, Dr. Laurent Clavelier, Head of Silicon Technology Division, CEA-Leti

10:15 LETI lithography programs, Dr. Laurent Pain, Silicon Technology Division, CEA-Leti

10:15-11:00 **COFFEE BREAK & TECHNOLOGY EXHIBITION**

## COGNITIVE AND CYBER-PHYSICAL SYSTEMS

11:00 Keynote speech from Industry (TBC)

11:20 Intelligent devices at the edge, Dr. Marc Duranton, Fellow & International expert, Architecture, IC Design and Embedded Software Division, CEA-Leti

11:40 Update on LETI MEMS technology, Dr. Philippe Robert, Head of Microsystems Section, Silicon Components Division, CEA-Leti

12:00 5G networks to reduce latency, Dr. Lionel Rudant, Strategic Program Manager, Systems Division, CEA-Leti

12:15 Wireless for IoT, Dr. Eric Mercier, Head of Integrated Architectures and RF Laboratory, Architecture, IC Design and Embedded Software Division, CEA-Leti

12:30 Update on LETI's power electronics activities, Mr. Thierry Bouchet, Program Manager, Silicon Components Division, CEA-Leti

12:40-14:00 **LUNCH BREAK & TECHNOLOGY EXHIBITION**

## PHOTONICS

14:00 Keynote speech from Industry (TBC)

14:20 Latest display technology developments, Mrs. Sylvie Joly, Business Developer in Displays, Optics & Photonics Division, CEA-Leti

14:40 LIDAR Technology, Dr. François Simoens, Strategic Marketing Manager for LIDARs, Optics & Photonics Division, CEA-Leti

15:00-15:20 **COFFEE BREAK & TECHNOLOGY EXHIBITION**

15:20 Silicon photonics for telecommunications, Mrs. Eléonore Hardy, Business Developer in Silicon Photonics, Optics & Photonics Division, CEA-Leti

15:40 SCINTIL Photonics enjoys the explosive growth of internet data traffic, Dr. Sylvie Menezo, Founder at SCINTIL Photonics

15:50 The virtues of photons for the connected society, Dr. Ludovic Poupinet, Head of Optics & Photonics Division, CEA-Leti

16:10 Closing remarks, Dr. Emmanuel Sabonnadière, CEO, CEA-Leti