

# 13<sup>th</sup> Leti Annual Review

## Monday, June 27

09:30 WELCOME - REGISTRATION

### European Electronics and Innovation

Auditorium

Chairman: D.Vellou

10:00 **Leti at Heart of Industry Challenges:** Dr L.Malier, Leti

10:20 **Enabling Technologies & Industrial Roads:** J-M.Chery, STMicroelectronics

10:45 **Micro Nanotechnologies Landscape:** Pr A.Sangiovanni-Vicentelli, UC Berkeley

11:10 BREAK 30'

11:40 **Is there still room for Ventures in the Semiconductors Industry?:** J.Schmitt, Sofinnova

12:05 **Success in Semiconductors: A European Perspective:** T.King-Smith, Imagination

12:30 **The Impact of European Public-Private Partnerships in Semiconductors:**  
A.Wild, ENIAC

12:55 LUNCH

### Leti Leverage for Industry

Auditorium

Chairman: M-N.Semeria

02:30 **Key enabling technologies in Europe:** Pr G.Crean, CEA

03:00 **Leti Leverage, an Innovative Path for Industry:** Dr M-N.Semeria, Leti

03:30 **Translating Micro Nanotechnologies at the Bedside: a Challenging Opportunity for Industry:** Dr F.Berger, CHU Clinattec

03:50 **Early Health Vision and the Impact of Molecular Imaging on the Future of Care: The Value of Open Innovation:** B.Loubaton, GE Healthcare Europe

04:10 **III-V and silicon for a brighter future:** X.Hugon, Leti

04:30 BREAK 30'

05:00 **New Companies are Born:** F.Murray, IPDiA & P.Louis, ALTIS

05:30 **New Model for Test:** Dr M.Villemain, Presto Engineering

05:50 **New Technologies for Traditional Industry:** M. Palomares, RYB

06:10 **Closing:** Pr P.Pistorio, Honorary Chairman STMicroelectronics

Auditorium

End: 07:00

07:45 Pick up by busses

08:15 Gala Dinner

## Tuesday, June 28

08:30 WELCOME COFFEE

### Electronics and Sensors for Biomedical

Grand salon

Chairman: C.Gallis

09:00 **Bioproduction by Design:** Dr C.Valentin, Sanofi-Pasteur

09:30 **Augmented Interventions in Medicine:** Pr P.Cinquin, TIMC

09:50 **Optical Detection of Skin Inflammation:** Dr V.Poher, Leti

10:10 BREAK 30'

10:40 **Ultra Sound Optical Imaging Probe for Early Prostate Cancer Detection:** J.Boutet, Leti

11:00 **Motion Sensors and Applications:** S.Guilaumé, Movea

11:20 **New Concept for Blood Coagulation:** M-L.Cosnier, Leti

11:40 Questions and Answers

12:00 LUNCH

### Imaging The Future

Auditorium

Chairmen: Dr V.Nguyen & G.Destefanis

02:00 **More Imaging:** L.De Mey, CMOSIS

02:30 **More than Imaging:** J.Karecki, Philips

03:00 **Enter the Future of Imaging:** Dr V.Nguyen, Leti

03:20 BREAK 30'

03:50 **More Intelligence in the Pixel:** M.Tchagaspanian, Leti

04:10 **More than Optics:** Dr R.Espiau de Lamaestre, Leti

04:30 **Imaging in Depth:** Dr P.Castelein, Leti

04:50 Questions and Answers

05:30 **Closing:** Dr L.Malier, CEO Leti

Auditorium

### Silicon Technologies

Auditorium

Chairman: S.Deleonibus

09:00 **Future Nanoelectronics Device Research Challenges and Opportunities:** Y.Nishi, Stanford

09:30 **Multi e-beams Opportunities in Advanced Lithography:**  
Dr S.Tedesco, Leti

09:50 **FDSOI developments:** Dr O.Faynot, Leti

10:40 **M&NEMS and applications:** P.Andreucci, Leti

11:00 **Packaging & 3D Integration:** D.Danovitch, IBM

11:20 **3D Integration Highlights:** M.Scannell, Leti

11:40 Questions and Answers

### Sustainable Immersive Communication Technologies

Grand Salon

Chairman: L.Hérault

02:00 **TV White Space:** M.Fitch, British Telecom

02:30 **Holistic Approach of Green Communications:**  
A.Rouz, Fujitsu

03:00 **Green Femto Communications:** Dr E.Calvanese Strinati, Leti

03:50 **Autonomous smart sensors to make the Internet of Things a reality:** S.Riché, Leti

04:10 **Smart Spectrum Usage:** Dr D.Noguet, Leti

04:30 **Future compact antennas:** Dr L.Dussot, Leti

04:50 Questions and Answers