

2018 Japan SOI Workshop

October 26, 2018

Tokyo University Takeda Hall



More than Moore and SOI Ecosystem

8:30 - 9:30 REGISTRATION

9:30 - 9:40 Welcome Carlos Mazure, Chairman & Executive Director, SOI Industry Consortium

Session: Keynotes

Chair: Carlos Mazure, SOI Industry Consortium

09:40 - 10:10 Distributed AI and Computing at Edge and Nodes for Sensors, Giorgio Cesana, Sr. Director, STMicroelectronics

10:10 - 10:40 RF- & FD-SOI: Addressing Substrate Supply to Support Accelerated Growth, Jean-Marc LeMeil, Director, Soitec

10:40 - 11:10 FD-SOI for Ultra Low Power Edge Computing, Jon Cheek, Director, NXP

11:10 - 11:40 BREAK

Session: MEMS & Sensors

Chair: Jon Cheek, NXP

11:40 - 12:05 A Time-of-Flight Range Image Sensor with High Near Infrared Quantum Efficiency Using SOI-Based Fully-Depleted-Substrate Detectors; Prof. Shoji Kawahito, Shizuoka University

12:05 - 12:25 An Overview of SOI based MEMS; Jean-Philippe Polizzi, MEMS Business Development Manager, Leti-CEA

12:25 - 12:50 Smart Cut Technology Applied to MEMS: Illustration in the Field of Ultrasonic Transducers; Bruno Ghyselen, Sr. Expert, Soitec

12:50 - 13:50 LUNCH BREAK

Session: Silicon Photonics

Chair: Giorgio Cesana, STMicroelectronics

13:50 - 14:10 Si Photonics Foundry, Makoto Ueda, Director, GlobalFoundries

14:10 - 14:30 Si Photonics Design, Yoshimi Kitagawa, Technical Leader, Cadence

14:30 - 14:50 Si Photonics Applications, Giorgio Cesana, Sr. Director, STMicroelectronics

14:50 - 15:10 Validation Flow for SOI Photonic Integrated Circuits; Tohru Mogami, PETRA

15:10 - 15:30 Putting Curves in an Orthogonal World; Masahiro Shiina, Technical Marketing Engineer, Mentor Graphics

15:30 - 15:50 BREAK

Panel: Advanced Substrates for More than Moore Innovation

Moderator: Jon Cheek, NXP

15:50 - 16:35 Panel Discussion:
Bruno Ghyselen, Sr. Expert, Soitec
Tohru Mogami, PETRA
Jean-Philippe Polizzi, MEMS Business Development Manager, Leti-CEA

16:35 - 16:40 Closing Remarks, Carlos Mazure, SOI Industry Consortium

DOWNLOAD AGENDA:



ORGANIZER

