2018 Japan SOI Workshop

October 25, 2018

Yokohama MM Park Building

Design Methods and Tools for FD- & RF-SOI Products

8:30 - 9:30   REGISTRATION

9:30 - 9:35   Welcome Carlos Mazure, Chairman & Executive Director, SOI Industry Consortium

Session: Applications and Drivers
Chair: Carlos Mazure

9:35 - 10:00   Takeaways from the Sept. 2018 Shanghai FD-SOI Forum and RF-SOI/FD Workshop, Giorgio Cesana, Executive Director, SOI Industry Consortium

Panel: End user deployment for FD- & RF-SOI Technologies
Moderator: Giorgio Cesana, SOI Industry Consortium

10:00 - 11:00   Panel:
John Carey, Director, STMicroelectronics,
Wayne Dai, CEO, Verisilicon
Mostafa Emam, CEO, Incize
Subramani Kengeri, CTO & VP of WW Client Solutions, Globalfoundries
Adam Lee, Director, Samsung

11:00 - 11:30   BREAK

Session: EDA/IP I
Chair: Jon Cheek

11:30 - 11:50   22FDX based SoC Platform for L-4 Autonomous Driving; Wayne Dai, CEO, Verisilicon

11:50 - 12:10   Silvaco's design flow and IP blocks for SOI; Thomas Blaesi, VP Global Marketing, Silvaco

12:10 - 12:30   Enabling SoC Differentiation with Collaborative Eco-System, Subramani Kengeri, CTO & VP of WW Client Solutions, Globalfoundries

12:30 - 13:30   LUNCH BREAK

Session: EDA/IP II
Chair: Thomas Blaesi

13:30 - 13:50   FD-SOI Product Design Methodology; Christophe Tretz, Design Advisor, SOI Industry Consortium

13:50 - 14:10   SOI at Synopsys: EDA Flow and IP Support; Akira Nikaido, Director & Shunichi Suzuki, Synopsys

14:10 - 14:30   Addressing the Energy Efficiency Challenges of IoT end points; Frederic Renoux, EVP, Dolphin Integration

14:30 - 14:50   RF-SOI for RFFE Solution: EDA Perspective; Feng Ling, CEO, Xpeedic

14:50 - 15:10   FDSOI Foundry Enablement – From Concept to Mass Production; Jonathan Smith, Director, Cadence

15:10 - 15:40   BREAK

Session : Characterization & Methodology
Chair: Giorgio Cesana

15:40 - 16:10   RF-SOI Technology and Design Enablement; Mostafa Emam, CEO, Incize

16:10 - 16:40   Improving IC Reliability by Automating Power Net Robustness and Net-aware Fill with Calibre PERC, Calibre YieldEnhancer and Calibre Pattern Matching; Takashi Yabe, Application Engineering Consultant, Mentor Graphics

16:40 - 16:50   Closing Remarks

17:00—19:00   NETWORKING RECEPTION

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