TSMC – Bar Ilan University

Technology Innovation Forum

Wednesday, November 6th 2019

Program

08:30 – 09:30	Welcome & Registration	
09:30 – 10:00	Keynote: EnICS Impact Center: Enabling Innovation in Semiconductors	**Prof. Alex Fish** Professor Bar-Ilan University
10:00 – 10:30	Keynote: Unleashing Israeli Innovation in AI and Automotive Applications	**Maria Marced** President, TSMC EMEA
10:30 – 11:00	Keynote: : TSMC and Its Ecosystem for Innovation	**John Chin** VP TSMC EMEA
11:00 – 11:30	Coffee Break	
11:30 – 11:50	Developing AI-based Solutions for Chip Design	**Maria-Cristina Borelli** Director, Product Solutions Sales
11:50 – 12:10	Process Selection Considerations for Ultra Low Power Design	**Shlomi Shavit** Physical Design Engineer
12:10 – 12:30	Sensor Fusion and ADAS SOC designs in TSMC 16FFC and N7	**Ronen Laviv** Director - IP Sales Israel
12:30 – 13:30	Lunch - Networking	
13:30 – 13:50	Chiplets Solutions using COWOS and InFO with 112 Gbps Serdes and HBM2E/3.2Gbps for AI, HPC and networking	**Igor Elkanovich** System CTO
13:50 – 14:10	Designing a Top Performing AI Processor for Edge Devices in TSMC 16nm FinFET	**Guy Kaminitz** VP VLSI Design
14:10 – 14:30	Challenges posed by dynamic Uncertainty on AI and ML Devices targeting 16nm, 7nm, and 5nm	**Stephen Crosher** CEO, Moortec Semiconductor
14:30 – 15:00	Coffee Break	
15:00 – 15:20	Best Practices for ARM Cortex CPU energy efficient implementation flows	**Lisa Minwell** Senior IP Solutions Mgr
15:20 – 15:40	RF energy harvesting and ultra-Low power Bluetooth device for digital identity and sensing in TSMC 40nm Process	**Yaron Elboim** VP R&D
15:40 – 16:00	Simplify Energy Efficient Designs with Cost-effective SOC Platform	**Pierre Gazull** Product Marketing Mgr
16:00	Wrap Up	**John Chin** VP TSMC EMEA