



MEMS & SENSORS[®]
Technical Congress

Co-located with

FLEX

February 19-20, 2019 | Hyatt Regency | Monterey, California

Agenda

SENSOR SYSTEMS ENABLING AUTONOMOUS MOBILITY

Tuesday, February 19, 2019

7:00-8:30	Welcome Breakfast, Registration, Check-in
8:00-8:30	FLEX/MSTC Welcome Remarks
8:30-9:00	Keynote: Dragos Maciuca, Ph.D., Technical Director, Palo Alto Research and Innovation Center, Ford Motor Company
9:00-9:30	Keynote: Jason Jelinek, Software Technical Manager, John Deere Electronics Solutions
9:40-10:30	Break
10:30-11:00	Keynote: Carl Vause, Chief Executive Officer, Soft Robotics Inc.
11:00-11:30	Keynote: John A. Rogers, Louis Simpson & Kimberly Querrey Professor, Materials Science & Engineering, Neurological Surgery Rogers Research Group, Northwestern University
11:30-12:00	Keynote: Andrea Onetti, Analog and MEMS Group (AMG) Vice President - MEMS SENSOR Division General Manager, STMicroelectronics
12:00-12:30	Keynote: Nadia Shakoor, Senior Research Scientist, Associate Director TERRA REF, Danforth Plant Science Center
12:30-1:50	Lunch
MSTC 2019: Applications: 1:50pm-4:00pm	
1:50-2:00	Welcome & Introduction
2:00-2:30	Scott Jones, Principal, Strategy, KPMG LLP
2:30-3:00	Jay Esfandyari, Ph.D., Director, Global Product Marketing Strategy, STMicroelectronics <i>Integrated Programmability Propels MEMS IMUs to the next Level of Innovation</i>
3:00-3:30	Peter Hartwell, Ph.D., Chief Technology Officer, TDK InvenSense, Inc. <i>Sensing for Autonomous Mobility</i>
3:30-4:00	Tim Menasveta, Senior Product Manager, ARM <i>Machine intelligence on resource-constrained edge devices</i>
4:00-6:00	Networking Reception



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Wednesday, February 20, 2019

7:00-8:30	Welcome Breakfast, Registration, Check-in
MSTC 2019: MEMS & Sensors for Autonomous Mobility 8:30am- 12:00noon	
8:30-8:35	Welcome and Introduction
8:35-9:05	Keynote Speaker: Hans Stork, Ph.D., Chief Technical Officer, ON Semiconductor
9:05-9:35	Becky Oh, President and CEO, PNI Sensor <i>It's no longer just about the sensor</i>
9:35-10:25	Break
MEMS & Sensors for Autonomous Mobility Continued	
10:25-10:30	Session Moderator
10:30-11:00	Greg Lebsack, General Manager, Mentor, a Siemens Business
11:00-11:30	Nancy Ranxing Li, Ph.D., Product Manager, Verizon <i>The sensor systems to reduce traffic death</i>
11:30-12:00	Angela Suen, Head of Marketing, Fabu <i>Sensors in Autonomous Driving</i>
12:00-1:30	Lunch
MSTC 2019: Enabling Sensors Technology: 1:30pm-3:05pm	
1:30-1:35	Session Moderator
1:35-2:05	TBD
2:05-2:35	Michael Gaitan Ph.D. COR, Force and Mass Group, National Institute of Standards and Technology <i>Inertial Calibration Protocols for MEMS 3-Axis Accelerometers</i>
2:35-3:05	Ken Foust, Platform Manager, Intel Corporation <i>Motivations for MIPI I3C, Its Impact and Where It's Going</i>
3:05-4:00	Final Break
MSTC 2019: Emerging Technologies: 4:00pm-5:45pm	
4:00-4:05	Session Moderator
4:05-4:35	Yun-Soung Kim, Ph.D., Research Fellow, Georgia Institute of Technology <i>Wireless Skin-Like Electronics (SKINTRONICS) for Persistent Human-Machine Interfaces</i>
4:35-5:05	Kristofer Pister, Ph.D., UC Berkeley, EECS <i>Autonomous Microsystems: Smart Dust, Smart Factories, and Micro Robots</i>
5:05-5:35	Mallik P. Moturi, Ph.D., Vice President of Product, Syntiant Corporation <i>Moving Cloud- and Deep-Level Performance into Always-On Devices with Analog Neural Networks</i>
5:35-5:45	Closing Remarks