



**AGENDA:**

**CAPTURING VALUE FROM MEMS AND SENSORS FROM A TECHNICAL PERSPECTIVE**

**WEDNESDAY, MAY 10, 2017**

|                         |   |
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| <b>8:30 - 9:00 AM</b>   | Welcome Coffee and Registration   |
| <b>9:00 - 9:30 AM</b>   | Morning kickoff<br>Welcome by Stanford- System X Alliance - Roger T. Howe, Faculty Director, Stanford University<br>Welcome by Karen Lightman VP, MEMS & Sensors Industry Group, SEMI   |
| <b>9:30 - 10:15 AM</b>  | Keynote: Professor Chris Ré, Stanford University, <a href="#"><u>Snorkel: Ameliorating the Labeling Bottleneck in Machine Learning</u></a>  |
| <b>10:15 - 10:45 AM</b> | <b>Coffee Break</b>   |
| <b>10:45 - 11:15 AM</b> | Jay Esfandyari, Senior Manager, MEMS Product Marketing, STMicroelectronics, STMicroelectronics, <a href="#"><u>Sensor Integration: What does it mean and what are its benefits?</u></a>   |
| <b>11:15 - 11:45 AM</b> | Stephen Breit, VP Engineering, Coventor, <a href="#"><u>Enabling Easy Customization of MEMS Sensors for Integrated High-Value Solutions</u></a>   |
| <b>11:45 - 12:15 AM</b> | Paul Vickery, Executive Chairman and Director, Silicon Microgravity, <a href="#"><u>High-performance MEMS accelerometers for gravity mapping</u></a>  |
| <b>12:15 - 1:30 PM</b>  | Lunch   |
| <b>1:30 - 2:00 PM</b>   | Prometeusz Jasinski, Applications Engineer, Excelitas Technologies, <a href="#"><u>A lens-less SMD thermopile solution for near field people recognition in today's thin battery operated devices</u></a>   |
| <b>2:00 - 3:00 PM</b>   | Panel Discussion: <i>Academic and Commercial Perspective on Capturing Value from MEMS and Sensors</i> - Moderator Allyson Hartzell Managing Engineer, Veryst Engineering; Panelists: Sanjay Bhandari, Ph.D., CTO & Sr. Vice President, mCube Inc., Uma Krishnamoorthy, Bosch, Stanford<br>Panelists: Prof. Debbie Senesky and Prof. Jon Fan |
| <b>3:00 - 3:30 PM</b>   | Coffee Break and walk to Nanofab  |
| <b>3:30 - 5:00 PM</b>   | Tour of Nanofabs by Stanford- System X Alliance/ Students   |
| <b>5:00 - 7:00 PM</b>   | Reception with poster session from Stanford faculty and students  |

**THURSDAY, MAY 11, 2017**

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| <b>8:15 - 8:45 AM</b>   | Welcome Coffee   |
| <b>9:00 - 9:45 AM</b>   | Morning Kickoff- Karen Lightman VP, MEMS & Sensors Industry Group, SEMI<br>Keynote: Scott Borg, Director and Chief Economist, U.S. Cyber Consequences Unit                     |
| <b>9:45 - 10:15 AM</b>  | <a href="#"><u>Understanding Sensor and MEMS Security from an Economic Standpoint</u></a>  |
| <b>10:15 - 10:45 AM</b> | Shuji Tanaka, Professor, Tohoku University, <a href="#"><u>Smart MEMS Sensors for Robot Applications</u></a>   |
| <b>10:45 - 11:15 AM</b> | Coffee Break   |
| <b>11:15 - 11:45 AM</b> | Carolyn White, Associate, AMFitzgerald, <a href="#"><u>Development of a High Performance Micromirror Array using the MEMS Ecosystem</u></a>                                    |
| <b>11:45 - 12:15 PM</b> | Scott Smyser, Executive VP W/W Marketing & Business Development, Si-Ware Systems, <a href="#"><u>MEMS Spectral Sensors Enabling New Applications for Material Analysis</u></a> |
| <b>12:15 - 12:45 PM</b> | Yannick Pilloux, Business Development Manager, Plasma-Therm, <a href="#"><u>Flexible layout, more dies per wafer by Plasma dicing technology</u></a>                           |
| <b>12:45 - 2:45 PM</b>  | Lunch/Breakout Discussions (at tables)   |
| <b>2:45 - 3:00 PM</b>   | Coffee Break   |
| <b>3:00 - 3:45 PM</b>   | Breakout sessions report, group discussion, wrap up/call to action<br>Closing Remarks  |