

## FLEXTalk

**NEW** to the conference this year, FLEXTalk gives speakers and attendees the opportunity to interact in a casual environment outside of the session talks. Meet speakers inside the Exhibit Hall at the FLEXTalk Stage. Take this opportunity to learn more about the speaker's talk. Ask any burning questions and check out the demos they've brought along!

### TUESDAY JUNE 20, 2017

11:15 AM – 11:30 AM

#### **Flexible OLED Application Demonstrator**

- 3.4 PI-Scale: Creating an Open Access Flexible OLED Pilot Line Service  
Pavel Kudlacek, Holst Centre

11:30 AM – 11:45 AM

#### **150mm Silicon Wafers with Flexible Polyimide Electronic Devices De-bond Demonstration**

- 4.5 Flexible Polyimide as a Device Substrate Temporarily Bonded to Round Silicon Carriers Allowing Processing in Standard Rigid Semiconductor Equipment  
Emmett Howard, Flexible Electronics and Display Center of Arizona State University

11:45 AM – 12:00 PM

#### **Printed Meshed Patch Antenna on Textile Material**

- 23.4 Direct-Write Flexible Meshed Patch Antenna on Nonwoven Material  
Hasan Shahariar, North Carolina State University

2:30 PM – 2:45 PM

#### **Electrocardiogram Shirt with Printed Sensors and Interconnects, Printed Heating Devices**

- 22.4 Direct-write printed electronics on textiles: A paradigm for automated textile electronics  
Raj Bhakta, North Carolina State University, ASSIST Research Center

2:45 PM – 3:00 PM

#### **Applications Overview: Updates on Photonic Curing**

- 2.3 Technology Roadmap: Trends and Needs in Printed and Flexible Electronics  
Stan Farnsworth, OE-A; NovaCentrix

3:15 PM – 3:30 PM **(AT BOOTH 5002)**

#### **A Flexible Roll-up "window shade" that Senses Human Gestures and Isolates the Individual Voice of Multiple People Speaking at Once**

- 20.5 Flexible "Roll-up" Voice Separation and Gesture-Sensing Human-Machine Interface with All-Flexible Sensors  
James Sturm, Princeton University

### WEDNESDAY JUNE 21, 2017

10:30 AM – 10:45 AM

**A Flexible Display Powered by a Thin, Flexible Power Source**

- 17.1 All Solid State, Thin Film Lithium Rechargeable Battery for Flexible Electronics  
Brian Berland, ITN Energy Systems, Inc.

10:45 AM – 11:00 AM

**Functional Copolymer Film/Substrate Samples and Structural Components**

- 16.3 Advanced Co-Polymers as Innovative Substrates and Encapsulants for Flexible Hybrid Electronics  
Chris Stoessel, Eastman Chemical Co.

11:00 AM – 11:15 AM

**Flexible and Rigid Temperature and Humidity Trackers**

- 14.3 IoT with Flexible Electronics  
Abhilash Iyer, Saape Designs

11:15 AM – 11:30 AM

**Flexible, Stretchable and Wearable Electronics**

- 9.1 Possibilities and Limitations of Stretchable Electronics on TPU  
Milan Saalmink, TNO/Holst Centre

1:45 PM – 2:00 PM

**A Semi-transparent Multicolored eWriter with Multiple Styli to Demonstrate Different Writing Effects**

- 10.3 eWriters and the Leap to Commercialization in Flexible Electronic Components  
Erica Montbach, Kent Displays

2:00 PM – 2:15 PM

**A Wearable Implementation of Sensor Fusion Platform that Provides Multi-parameter Motion Sensing and Augmented Reality Visualization**

- 11.2 Scalable Sensor Fusion Platform for Multi-Modal Human-Machine Interface Applications  
Albert Lu, Interlink Electronics Inc.

2:15 PM – 2:30 PM

**Flexible Ribbon Ceramic**

- 13.1 Flexible Sintered Roll Format Ceramic for Electronic Applications  
John Olenick, ENrG Incorporated

2:30 PM – 2:45 PM

**Stretchable Printed Circuit**

- 13.2 Research and Testing of Electronic Materials Made with a Novel Non-Silicone Stretchable Thermosetting Polymer

Tomoaki Sawada, Panasonic Automotive and Industrial Systems