Divide and Conquer - Shows Recap

Between 2017FLEX, Sensors Expo and SEMICON West, there was a lot of activity happening at FlexTech these past two months. 2017FLEX has come to a close as we dot the last i’s, run the remaining numbers and file away the paperwork for the year. We packed and unpacked for Sensors Expo and packed (again) for SEMICON West. And in the midst of it all, we are starting a handful of new projects in NBMC after the Call for Proposals from late last year. As always, it’s a delight to meet our members during this time and connect in person to discuss the success and challenges surrounding the FHE industry. Revisit some of the highlights from 2017FLEX here.

And after the flurry of traveling, I’m happy to say that the entire team is finally back in the office as we make preparation for the FHE, MEMS and Sensors in the Automotive Industry and Related Transportation Markets Workshop in Detroit.

With our best wishes,

Michael Ciesinski
President

Project Updates

NBMC - NEW! Projects

Three new projects are starting under NBMC from University of California, Los Angeles, The University of Arizona and University of Massachusetts, Amherst.

- 17-14 University of Massachusetts - Printed Microfluidic Performance Assessment for Sweat-Based Biomarker Sensor Platforms
- 17-15 University of California, Los Angeles - A Scalable Flexible Substrate and Assembly Process for High Performance Heterogenous Dielet Integration with Tight Interconnect Density (FlexTrate™)
PROJECT CLOSE OUT: 16-TFPS-1 Thin, Flexible, Printed Zinc Battery - Imprint Energy

Members Only Content

PROJECT CLOSE OUT: 16-TFPS-2 Thin Flexible Power Source - Custom Electronics

Members Only Content
Save the Date - 2018FLEX

We're moving the Flexible and Printed Electronics Conference back to February. Mark your calendars. We will see you February 12-15, 2018 at Hyatt Regency Monterey Hotel & Spa in Monterey, CA.

For those who kept asking us for MORE on sensors, we heard you loud and clear. MEMS & Sensors are coming your way. Stay tuned!

Regulatory Alert Affecting FHE Device Manufacturers and Their Supply Chain

Last month, the European Union (EU) published a new regulation that would make it illegal for companies to use of the fluorinated substance, PFOA (Per-Fluoro-Octanoic Acid, CAS Registry Number 335-67-1) above a certain threshold level, in all products supplied to the European market. PFOA has been described a persistent organic pollutant that does not easily biodegrade in the environment and has a tendency to accumulate in ecosystem food-chains.

Similar PFOA restriction regulations are currently in proposal form in the United States (USA) under the Toxic Substances Control Act (TSCA) and globally under the United Nation's Stockholm Convention on Persistent Organic Pollutants. These proposals, when enacted, would also make it illegal to manufacture, use, or import products containing PFOA residues. The UN proposal would affect more than 160 countries.

It is currently not known to what extent FHE devices are likely to contain fluoropolymer or fluororubber materials. If these devices do contain these materials and if the materials were constructed using PFOA, these products would also become illegal for sale in Europe in 2022 (if the PFOA residues are present above 25 ppb in any component within the FHE device). When the Stockholm Convention proposal is enacted, it would become similarly illegal in more than 160 countries around the world to manufacture or use these products should they contain PFOA residues.

Upcoming Events

Flexible Hybrid Electronics, MEMS and Sensors in the Automotive Industry and Related Transportation Markets

Flexible, conformable electronic systems that merge high performance with the efficiency of printed electronics offer breakthrough capabilities in controls, lighting, sensors, displays, wiring, structural components, and logic beyond today's state-of-the-art electronic components. Also, the continued proliferation of MEMS and sensors in automotive technology is enabling new applications that will transform the world's transportation capabilities.
Detroit, MI
SEPTEMBER 12 - 13, 2017

Learn More

Join FlexTech and our partners as we explore future electronics challenges in automotive technology and present revolutionary solutions enabled by FHE, MEMS and sensors.

NextFlex's Innovation Day 2017
San Jose, CA
SEPTEMBER 21, 2017

Contact Us

Celebrate a year of Manufacturing, Innovating and Educating at NextFlex's Innovation Day.

Tour the pilot manufacturing facility, network with trail-blazers in the FHE industry and learn about up-and-coming projects being funded by NextFlex.

If you're interested in attending, contact us for an invitation.

Confirm that you like this.

Click the "Like" button.