

ECE Weekly

Ed. 6.28.16

The Ohio State University Department of Electrical and Computer Engineering



Columbus wins federal #SMARTCITY Challenge

In the coming years, The Ohio State University stands to play a central role in helping Columbus transform into the seminal Smart City transportation leader of the nation.

Find out how ECE researchers and faculty are involved, as well as their thoughts and expectations as the program moves forward.

<http://go.osu.edu/scc>

VIDEO: e-Textiles and the future of #wearables

Electrical and computer engineering researchers at The Ohio State University reached a milestone in the development of wearable electronics. They are now able to embroider circuits into fabric with 0.1 mm precision. The advancement opens the door toward functional textiles - clothes that gather, store, or transmit digital information. With further development, the technology could lead to shirts that act as antennas for smart phones, workout clothes that monitor fitness levels, sports equipment that monitors performance - or even a flexible fabric cap sensing activity in the brain.



Watch as Ohio State ElectroScience Laboratory Director **John Volakis** and research scientist **Asimina Kiourti** discuss the technology and its potential.

E-Textiles Video link: <http://go.osu.edu/etextiles>



Buckeye Current Faces #PPIHC2016

The **Buckeye Current** team overcame hurdles for a strong showing this year. Get details on the race straight from the team:

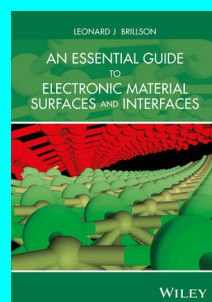
<http://go.osu.edu/ppihc16>



The ECE Facebook page is now over 6,000 strong! Help us reach even more by liking, commenting and participating online: <https://www.facebook.com/eceosu/>

Last week to support FEH Scholarship Challenge

Help the ECE Campaign Committee raise \$8,000 before June 30 to help the Fundamentals of Engineering Honors (FEH) Program. Follow the link to participate: <http://go.osu.edu/feh>



Brillson's new book goes atomic-level

ECE Prof. **Len Brillson** releases new book geared toward inspiring future students toward atomic-scale electronics:

<http://go.osu.edu/brillson>