

ECE Weekly

The Ohio State University Department of Electrical and Computer Engineering



Featured Video

I shot footage of Jim Moncrief inside the ElectroScience Lab's anechoic chamber he manages. Research scientist Teh-Hong Lee also chatted in the lobby. Both fondly recall their time in 2006 spent helping ECE alumnus Ron Schulze who graduated and went on to become the lead engineer to design the high gain dish antenna for the New Horizons space probe. Link:

<http://www.go.osu.edu/Pluto-Video>

Ohio State ECE and the New Horizons Mission to Pluto

For the past several months, I've been getting in touch with Ohio State ECE alumni and current faculty with ties to NASA's New Horizons space probe mission to Pluto. A little-known fact, which we hope to make widely known, is that ECE alumni designed the high gain dish antenna prominently featured on New Horizons. Their work was then tested at the anechoic chamber over in the ElectroScience Lab back in 2006. Read all about it in this article, complete with fact sheet, the full interview with lead engineer Ron Schulze and plenty of pictures. Link:

<http://www.go.osu.edu/PLUTO>

Buckeye Current second in its class at Pikes Peak International Hill Climb debut



It was a week filled with tragedy and triumph leading up to it, but the official results came in for Ohio State Buckeye Current's motorcycle race at the 2015 Pikes Peak International Hill Climb race.

Buckeye Current's RW-3, ridden by Joe Prussiano, steered to a second place finish in its all-electric class and 16th overall out of 52 motorcycles (both electric and gasoline-powered) with a time of 11:12.756. This feat is 46 seconds faster than the leading electric motorcycle of the 2014 competition. The Buckeyes also proved themselves a strong competitor of gasoline-powered motorcycles with the bike's blistering 121 miles per hour clocked speed.

<http://go.osu.edu/current-results>

**Much more news and research coming up next week.
Thanks for reading!**



New ECE research page

In an ongoing effort to promote and recognize the groundbreaking research coming out of ECE each week, check out the newest addition to the

<http://go.osu.edu/research-ECE>

department website. A page was created as an outlet for current research in the news, recent papers published in industry and scientific journals and more. The page also helps expand the message about ECE research to a wider and more general audience. Find the page here: