

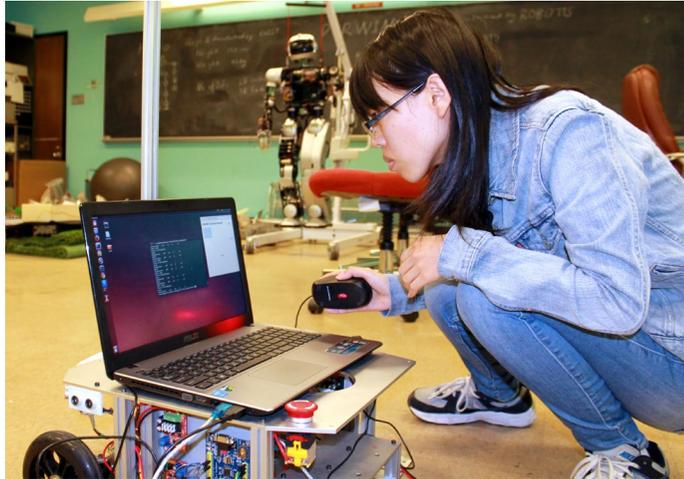
ECE Weekly

Ed. 9.29.15

The Ohio State University Department of Electrical and Computer Engineering

Real-Time Robot...

In one of ECE's most popular stories this year, two PhD students at Ohio State want to help the elderly by creating personalized robots that have the ability to follow humans around like veritable puppies. ECE students **Sihao Ding** and **Ying Li**, under professor **Yuan**



Zheng, teamed up with their computer science counterparts, **Qiang Zhai** and **Dong Xuan** at Ohio State, to make it happen. In doing so, they advanced the possibilities for robot-human interactions in real time - simultaneously tracking and following a human subject.

Read more: <http://go.osu.edu/real-time-robot>

View video: <http://go.osu.edu/real-time-robot-vid>

ECE helps White House energy reduction goal

ECE power systems professor **Longya Xu** and his team join a White House mission



to reduce industrial energy waste across the nation over the next 15 years. Xu's research now receives \$3 million in funding over the next three years, making Ohio State one of only two universities picked nationwide to take part in the initiative created by the US Department of Energy.

Find the full story at: <http://go.osu.edu/xu-energy>



Next ECE MeetUp, Thursday, Oct. 1, 6-8 p.m.

Still time to RSVP for the next Meetup tech social event series at Ohio State's Nanotech West Lab (1381 Kinnear Road, Columbus, OH 43210). Tour and learn about its role in the industries of electronics, optics, advanced materials, energy, biology and medicine. Light food served. The lab supports numerous projects for ECE as well. RSVP here: <http://go.osu.edu/nano>

Venturi Buckeye Bullet 3



BONNEVILLE SALT FLATS
2015 SPEED TRIALS

Looking back: ECE and Venturi Buckeye Bullet

With autumn in full swing, many ECE students are busy starting work on next year's Venturi Buckeye Bullet land-speed vehicle. They are also looking for new students interested in helping out. Check out a video I filmed earlier this summer at the TRC test track, now featuring an extra interview with ECE student and Electrical Team Leader Ross Johnstal discussing how the program has enhanced his overall ECE education.

Video: <http://go.osu.edu/vbb3-vid>



ECE List of Links

<http://www.facebook.com/eceosu>
<http://twitter.com/OhioStateECE>
<http://go.osu.edu/ece-linkedin>
<http://youtube.com/user/ECEosu>
<http://meetup.com/OSUECE-Alumni>



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HOUSE CHARITIES®

Carol Duhigg is collecting food items until Friday to benefit the **Ronald McDonald House Charities**. Very low administrative costs at this charity means money raised always goes straight to the children and families in need. Drop any donations off to Rm. 236 in Dreese.