Liu wins National Science Foundation CIF Grant

The National Science Foundation announced ECE Research Assistant Professor Kevin Liu won the prestigious Communications and Information Foundations (CIF) Grant. In total, Liu will receive $317,896 for his work based on the research, "Taming Convergence and Delay in Stochastic Network Optimization with Hessian Information." Liu's theoretical approaches strive to help advance the resource control and optimization algorithms behind next generation complex networks, making them rapidly approach the optimal operation states in terms of network throughput and end-to-end latency. His research focus is within the areas of network control and optimization, data analytics, and cyber-physical systems (CPS). Find the full story at: http://go.osu.edu/cif-liu

Dreese, Yesterday and Today...

Radiation and Robots: Saving Lives Through Technology

When it comes to understanding the effects of radiation on robotic motors, researchers at The Ohio State University are doing their part to help save human lives. ECE PhD student Hongfei Wang is the principal investigator behind research recently published in IEEEExplore, which seeks to equip robots with the proper technology to withstand the damaging power of radiation. ECE co-authors include fellow PhD student Shimeng Li and advising professor Yuan Zheng. The work is important for helping to advance robotics to replace humans in emergency response scenarios. Find the full story at the link: http://go.osu.edu/hongfei

ECE in the News...

Thanks to 1870 Magazine for the feature on e-textiles research at ESL. Full story: http://go.osu.edu/1870-e

Ben Gelber over at CH4 News did a nice feature on the Buckeye Current electric motorcycle racing team. Includes great GoPro footage from the Pikes Peak race. Find the video here: http://go.osu.edu/bc-ch4

The WIE RISE science camp visited Dreese recently. Pictures at the link: http://go.osu.edu/rise-16