

I-SENSE Seminar Series

Tiny Mirrors and Big Pictures: Digital Micromirror Device Development and Applications

**11 a.m. – 12 p.m. Thursday, March 14
Engineering East Building, Room 303
Boca Raton Campus**



**Cuiling (Sue) Gong, Ph.D.
Associate Professor College
of Science and Engineering
Texas Christian University
Fort Worth, Texas**

As a mechanical design engineer, Cuiling (Sue) Gong, Ph.D., has designed three generations of successful digital micromirror device (DMD) pixels that powered a variety of digital light processing products in the market including pico-projectors, projectors in classrooms and movie theaters. She also conducted research and development work on microscale vibration based piezoelectric energy harvesting technology to power wireless sensors. She has issued eight U.S. patents, and collaborated with Bing Ouyang, Ph.D., and others at FAU on comprehensive line sensing based imaging technologies using DMD as the spatial light modulator.

For more information, contact MaryJo Jackson at mrobin72@fau.edu or (561) 297-4889.