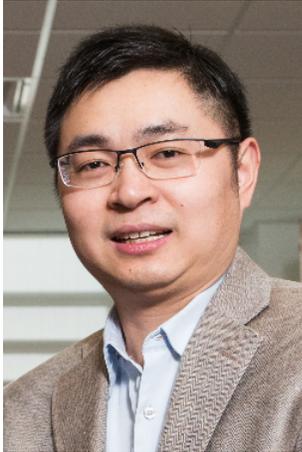

TCSUH Bi-Weekly Seminar

Soft and Curvy Electronics for Health and Joy of Living



Prof. Cunjiang Yu

Bill D. Cook Assistant Professor of Mechanical Engineering,
Cullen College of Engineering; TcUH PI

Thursday, February 28, 2019

Room 102, Houston Science Center

12:00 p.m. – 1:00 p.m.

RSVP for Sandwiches: bdherndo@central.uh.edu

ABSTRACT: Conventional electronics based on wafers are rigid. The past decade has witnessed the growth of an emerging class of electronics with unique form factors, which are flexible, stretchable and wearable and curvy. This presentation will show some of our recent research progress on fundamental and application aspects of soft and curvy electronics (both inorganic and organic), in particular manufacturing, materials, device innovations and their applications in healthcare, robotics, human-machine interfaces, *etc.*

BIO: Cunjiang Yu is the Bill D. Cook Assistant Professor of Mechanical Engineering at the University of Houston, with joint appointments in Electrical and Computer Engineering, Materials Science and Engineering, and Biomedical Engineering. He received his B.S. degree in Mechanical Engineering in 2004, and his M.S. degree in Electrical Engineering and 2007 from Southeast University, Nanjing, China. He then received his Ph.D. in Mechanical Engineering at Arizona State University in 2010. He was trained as a postdoc at the University of Illinois at Urbana-Champaign before joining the University of Houston in 2013. Dr. Yu's research has been recognized by some recent awards, including the NSF CAREER Award, ONR Young Investigator Award, MIT Technology Review 35 Top Innovators under the age of 35 - TR35 China, SME Outstanding Young Manufacturing Engineer Award, AVS Young Investigator Award, ACS Petroleum Research Fund Doctoral New Investigator Award, 3M Non-Tenured Faculty Award, a few research awards at UH, *etc.*

Persons with disabilities who require special accommodations to attend this lecture should call (713) 743-8213.
