



## POST-DOC POSITION IN RADIO FREQUENCY MICROSYSTEMS IN THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING AT THE UNIVERSITY OF TEXAS AT AUSTIN

Dr. Ruochen Lu seeks outstanding candidates to fill a Post-Doctoral position in the Department of Electrical and Computer Engineering at the University of Texas at Austin. The position is available **starting Feb. 15<sup>th</sup>, 2022**. The candidate will be working on research projects related to micro/nanomechanical piezoelectric devices, microwave components and circuits, and the design and fabrication of mm-wave, low-loss and wideband acoustic signal processing elements.

The candidate needs to have hands-on experience with micro and nanofabrication techniques, including photolithography, film deposition, reactive ion etching, and fab-related metrology. Experience in the electrical and mechanical design of M/NEMS is also highly valued. Knowledge of RF or microwave testing, piezoelectric materials, resonators, and circuit design is a plus. The researcher will also interact with a broad team of researchers and other faculty in UT ECE. She/He will also be asked to supervise and interact with a group of graduate students.

The research will be performed in UT Microelectronics Research Center (<https://www.mrc.utexas.edu/>), where the cleanroom is housed to support research in photonics, microelectronics, nanotechnology, and biotechnology. Detailed information on the facilities can be found on the MRC website.

Interested individuals should apply by contacting Dr. Lu via email ([ruochen@utexas.edu](mailto:ruochen@utexas.edu)). Applicants are requested to include their curriculum vitae and the names of at least two references.