



UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

**POST-DOC POSITION in RADIO FREQUENCY MICROSYSTEMS
in THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
AT UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN**

Dr. Songbin Gong seeks outstanding candidates to fill a Post-Doctoral position in the Department of Electrical and Computer Engineering at University of Illinois Urbana Champaign. The position is available starting *May 15th, 2018*. The candidate will be working on research projects related to micro/nanomechanical devices, integration of piezoelectric devices with CMOS, and the design and fabrication of novel and high quality factor passive components to be assembled in monolithic platforms.

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

The research will be performed in Micro and Nano Technology Laboratory (<http://mntl.illinois.edu/>) where a class 100 clean-room is housed to support research in photonics, microelectronics, nanotechnology, and biotechnology. Detailed information on the facilities can be found on the MNTL website.

Interested individuals should apply by contacting Dr. Gong via email (songbin@illinois.edu). Applicants are requested to include their curriculum vitae and the names of at least two references.