July 13th, 2018

Post-Doctoral Positions Available Now

The FAST Lab at the University of Washington has two post-doctoral positions available. Our lab has funded projects which are broadly focused on RF, mm-Wave and Biomedical Systems-on-Chip (SoCs). Specifically, one project seeks to explore, implement and demonstrate full duplex wireless communication front-ends, both at RF and mm-Wave frequencies using novel circuit and architecture techniques, in addition to other phased-array projects. The lab has strong ties to the highly-ranked University of Washington Medical School, with collaborate projects partnering with the Radiology department, to investigate communication electronics for PET imaging systems, as well as a joint effort on neural interfaces with the department of Biophysics. The PI serves as co-director for the *Center for Design of Analog-Digital Integrated Circuits* (CDADIC) and is an active member of the NSF funded *Center for Sensorimotor Neural Engineering* (CSNE).
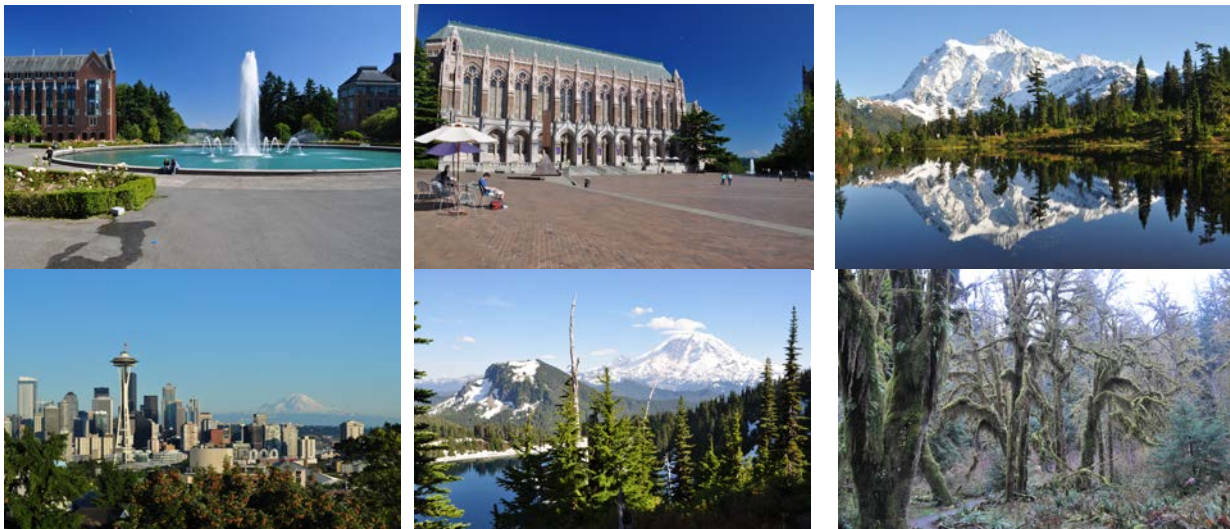
Individuals seeking a post-doctoral position will have numerous opportunities to publish with existing graduate students in all the lab's focus areas of research. The candidate should have strong analog, mixed-signal and digital integrated circuit design experience, particularly with chip verification and tapout. Individuals will be expected to interface with other PIs for cross-disciplinary efforts. Only candidates who have experience with IC design, simulation and testing will be considered. Individuals with a MS degree and at least 2 years industry IC design experience, could be considered as a funded PhD student.

Seattle serves as an international technology hub with a thriving start-up community, providing virtually limitless possibilities for collaboration, both on and off campus. Our group has active collaborations with industry in the Seattle/Bay Area and beyond. Our research lab resides in the Electrical Engineering Building which is at the center of the beautiful University of Washington (UW) campus. UW is in the heart of Seattle which offers many opportunities for social activities as well as beautiful outdoor experiences in the surrounding countryside.

Required skills: Strong working knowledge of Cadence, Matlab, Python or equivalent. Familiarity with either neural interfaces and/or wireless systems/applications.

Lab Webpage: https://www2.ee.washington.edu/research/fast/

If interested, please submit a CV to Chris Rudell (jcrudell@uw.edu). Competitive salaries offered.

Scenes from on and around the University of Washington campus.

University of Washington ● Department of Electrical Engineering ● Seattle, WA
185 Stevens Way ● Paul Allen Center, Room AE100R ● Campus Box 352500 ● Seattle, WA 98195-2500
ph 206.221.5270 ● fax 206.543.3842 ● ee.washington.edu