



Opening for Postdoctoral Scholar in Magnetic Materials and Devices for Neuromorphic Computing

Integrated Nano Computing Lab, University of Texas at Austin, Austin, TX USA

The Integrated Nano Computing Lab (www.utinclub.com), directed by Prof. Jean Anne Incorvia in the Department of Electrical and Computer Engineering (ECE) at the University of Texas at Austin, has an immediate opening for a postdoctoral scholar. The candidate will join our team to work on a newly funded project on using stochasticity in magnetic tunnel junction-based devices for neuromorphic computing. The candidate for this project is expected to have a strong background in magnetic material growth using sputter deposition, magnetic device patterning, and magnetic device testing. The position offers opportunities to learn about and work in applications of these skills for neuromorphic computing, artificial intelligence, and neural networks, as well as develop leadership and academic skills through close interaction with the PI.

About Prof. Incorvia Group and UT Austin ECE: The INC Lab at UT Austin specializes in the realization of new physics in computing. We research spintronic, 2D, and other emerging materials for neuromorphic computing, in-memory computing, and computing for rad-hard environments. The ECE department at UT Austin (www.ece.utexas.edu) has a dynamic and interdisciplinary research environment with a strong set of groups studying solid state electronics, photonics and quantum materials, with world-class nanofabrication and characterization facilities (www.mrc.utexas.edu, <https://tmi.utexas.edu/>).

Interested candidates can send a CV and a cover letter with contact information of two references to Prof. Incorvia (incorvia@austin.utexas.edu). For more information, please visit the group webpage (www.utinclub.com).