Postdoctoral Fellowship in Magnetic Resonance Engineering

The National Magnetic Resonance Research Center (UMRAM) of Bilkent University, Ankara, Turkey, has immediate postdoctoral fellowship openings.

The magnetic resonance engineering team of UMRAM works on various exciting projects including, the novel designs of RF transmit and gradient arrays, their amplifiers, and digital control circuitries in collaboration with an industrial partner. The prospective candidates are expected to work on one or more of these subjects.

UMRAM houses one 3T Siemens scanner with an 8-channel transmit-array as well as two whole home-made body 1.5T MRI scanners. The 1.5T systems are dedicated to hardware development. The electronics laboratory is fully equipped for hardware development. The center has support staff to ease the workload.

Qualifications:

We are looking for a highly motivated and enthusiastic scientist with the following skills and experience:

• Ph.D. in Electrical and Electronics Engineering, or Physics.
• Strong background in Electromagnetics, Power Electronics, or Digital Circuit Design.
• Ability to work independently
• A good understanding of scientific principles, experimental design, and proper laboratory techniques.
• Ability to read and write in English at a level sufficient for scientific communication.

Benefits of the position including in-campus housing and lunch-tickets. All qualified candidates are encouraged to apply by sending an application (a Cover Letter, a CV, and the names of three references) to Dr. Ergin Atalar (ergin.atalar@umram.bilkent.edu.tr).

Applications will be evaluated in a rolling basis.