

Postdoctoral Research Associate in Robotics, UNC/NCSU Joint Department of Biomedical Engineering

Position: Postdoctoral Research Associate

Organization: UNC/NCSU Joint Department of Biomedical Engineering

Location: Raleigh, NC

Deadline: 11/01/2013

Description:

Two post-doc positions are available in the Neuromuscular Rehabilitation Engineering Laboratory at the UNC/NCSU Joint Department of Biomedical Engineering. The research team is currently developing advanced control for powered artificial limbs and seeking for applicants in the research areas of robotics. The successful candidates will participate in developing and implementing advanced control system for powered artificial upper or lower limbs. The candidates are also expected to work with prosthetists and physical therapists to evaluate the system on limb amputees.

Qualifications:

Applicants for these postdoctoral positions must have a Ph.D. in biomedical, mechanical, or electrical engineering with relevant experiences in robotic system design, fabrication, and/or control. Successful candidate must be proficient in mechatronics and control theory. Previous experience in human-robot interface, embedded system, optimal control, or human gait analysis is plus. To apply, e-mail a cover letter with a statement of interests, resume/curriculum vitae, and names and contacts of three references.

Contact:

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