



Postdoctoral fellow position – Human Robotics Lab

The Human Robotics lab (<https://sites.udel.edu/hurolab/>, PI Fabrizio Sergi) at the University of Delaware (www.udel.edu) has an opening for a post-doctoral research fellow, with an ideal start date of September 2020.

The Human Robotics Lab has two primary research foci: one is the development of high-performance components and methods for human-interacting robots, the other is the application of robotic systems in neurorehabilitation, performance augmentation, and as advanced tools to study motor control neuromechanics.

The postdoctoral fellow will contribute to recently funded research projects that aim to elucidate fundamental mechanisms of neuromuscular control by combining robots with functional MRI and other advanced imaging technologies, under the support of an NIH R21 grant.

For this position, we seek candidates with a doctoral (Ph.D.) degree in engineering or movement sciences, and with relevant research experience in the areas of robotics/instrumentation, biomechanics, neuroscience, and human subject experiments. While expertise in all these areas is not necessary, experience in multiple areas is preferred, as is willingness to take part in multidisciplinary research projects.

The opening is for one year, with possibility of renewal depending on availability of funding and satisfactory performance. To apply, please submit a cover letter describing your research interests, curriculum vitae, and contact information for at least three references to Fabrizio Sergi at fabs@udel.edu. The position will remain open until filled.

The University of Delaware combines a rich historic legacy in engineering with a commitment to undergraduate education and the creation of new impactful knowledge. Classified as Very High Research Activity University under the Carnegie Classification of Institutions of Higher Education, the University College of Engineering is ranked in the top 60 in the United States. The main campus in Newark, Delaware, provides the amenities of a vibrant college town with convenient access to the major cities of the East Coast.