Post-doctoral position in Neuroimaging

The Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Sciences (DINOGMI) at the University of Genoa, Italy is offering a full-time position as Postdoctoral Research Fellow in the bRIghteN group of Prof. Matilde Inglese.

Applicants should have a Ph.D. degree in biomedical engineering, physics, mathematics, neuroscience, or related field and should have knowledge and experience in Magnetic Resonance Imaging. Experience with fMRI analysis software packages, presentation software, computer programming skills (e.g., in C/C++, bash, Python & MATLAB) are highly desirable. The initial appointment is for 1 year, with the possibility of extension. Salary is based on experience and will follow the Italian guidelines.

DINOGMI has access to a Siemens 3.0 T Prisma Scanner located at IRCCS Policlinico San Martino Hospital, an MRI-compatible EEG system as well as TMS. The bRIghteN group has a very active interdisciplinary research team consisting of people from engineering, physics, chemistry, biology, and neuroscience backgrounds.

The post-holder will be expected to develop and/or apply novel and state-of-the-art image post-processing, computational and statistical methods to analyze fMRI data from specific groups of neurological patients in collaboration with clinicians and investigators involved in fMRI, EEG, and TMS. The Lab has a strong interest in developing new algorithms for integrating neuroimaging modalities, laboratory, and behavioral measures in neurological diseases.

Interested applicants should send a cover letter describing research experience and interests, as well as an up-to-date curriculum vitae, and contact information for two references to Matilde Inglese, M.D., Ph.D., by email: m.inglese@unige.it .