Brain Imaging PostDoc Positions at USC

Post-doctoral fellow positions in brain imaging research are available at the Laboratory of Neuro Imaging (LONI, http://www.loni.usc.edu) at the Stevens Neuroimaging and Informatics Institute of USC (http://www.ini.usc.edu). Through the Laboratory of Neuro Imaging at the Stevens Neuroimaging and Informatics Institute at USC, the post-doctoral fellow will have access to the ideal environment for brain imaging research. The LONI image data archive (IDA) is one of the largest brain image collections that hosts various imaging repositories such as ADNI. The datacenter of LONI boasts 4,096 cores and 38 terabytes of aggregate memory space for Big Data brain image analysis. The institute also houses a state-of-the-art image acquisition center with both 3T Siemens Prisma and 7T Siemens Terra MR scanners for human brain imaging. More information can be found at http://www.ini.usc.edu.

In this position, the postdoc fellow will have the opportunity to collaborate with world-class researchers in brain mapping, computational modeling, and neuroscience. The postdoc fellow will be responsible for developing innovative algorithms to analyze cutting-edge brain imaging data for studying brain structure and connectivity changes in neurological diseases. The ideal candidate should have a PhD in engineering, computer science, or related fields, and strong background in medical image analysis. Prior research experience (publications) in brain imaging is encouraged and a definite plus. Solid programming skills in C++ and Matlab are desirable. Interested candidates should send their CVs to Dr. Yonggang Shi (yshi@loni.usc.edu).