



系统神经与认知科学研究所

Zhejiang University Interdisciplinary Institute of Neuroscience and Technology

Postdoctoral Positions for Human and Monkey Ultrahigh Field Imaging Projects at Zhejiang University

Several postdoctoral positions are available for 7T MRI neuroimaging projects at Zhejiang University. Projects include: (1) monkey connectome project using a newly developed *in vivo* laser stimulation technique, (2) awake behaving monkey projects, (3) technology development projects (multimodal electrophysiological, focused ultrasound, optical methods, custom-designed RF coils in UHF MRI environment). MRI resources include 3T Prisma, 7T Magnetom, RF coil lab, 3D printing capability, and high capacity servers.

We seek candidates with any of the following abilities: programming, statistical, computational and mathematical. Additional skills that will be considered a plus: fMRI experience, strong quantitative and analytical skills, familiarity with MRI analysis platform (e.g. Matlab, AFNI,...), understanding of brain circuitry, experience with brain connectomes. Salary is competitive and commensurate with experience.

Zhejiang University's Interdisciplinary Institute of Neuroscience & Technology (ZIINT; ziint.zju.edu.cn/en/index.asp) is home to 15 labs, a 7T MRI center for human and nonhuman primate research, coil making facility, nonhuman primate facility, 2 photon, 3 photon, and high throughput microscopy, high performance computer cluster, and viral vector core. We foster an environment of exciting collaborative and interdisciplinary interaction. With researchers from China, the United States, India, Australia, Ireland, and Japan, English is the common language; lectures and seminars are given in English.

Zhejiang University is located in Hangzhou, China, one hour by bullet train from Shanghai. Home to beautiful West Lake, Hangzhou is both a modern and a historical city, with an emphasis on culture and environment.

Interested candidates should send a CV, names of three references, and a statement of research interests to Dr. Anna Wang Roe at annawangroe@zju.edu.cn.

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