Postdoctoral Fellowship in Optogenetic Functional MRI
The University of Hong Kong

A three-year postdoctoral fellowship position is available in the Laboratory of Biomedical Imaging and Signal Processing (BISP), Department of Electrical and Electronic Engineering at the University of Hong Kong. The position is open until filled. Candidates must possess a PhD degree in engineering, medical physics, neuroscience, or computational neuroscience.

The laboratory's current research focus is on developing and applying advanced neuromodulation and fMRI techniques for in-depth investigations of brain circuitries, networks, and functions. The successful candidate will contribute to this research direction and should possess proficiency in programming languages such as C, C++, and Python. We encourage creative and out-of-the-box thinking in tackling challenges faced when dealing with multimodal neuroimaging data.

Candidates with solid training in neuroscience, animal neuroimaging, MRI physics & engineering, computing-centered image/signal processing, data analytics, software engineering or/and mathematics are highly preferred. Excellent written and verbal communication skills, teamwork, motivation, proactivity, industriousness, and scientific maturity are essential qualities that we are looking for in candidates. The successful candidate will join a dynamic preclinical MRI research group and will be expected to contribute to the formulation of research project ideas.

The salary offered is highly competitive and commensurate with experience, and North American and European standards. Interested candidates are requested to submit their curriculum vitae (CV) and contact information for three references to Prof. Ed X. Wu and Dr. Alex Leong via email: ewu@eee.hku.hk / alexleong31@gmail.com.