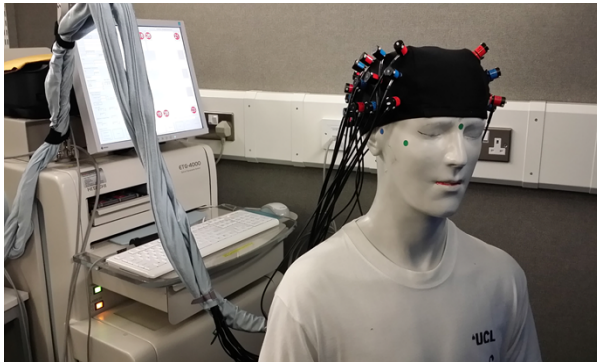# Call for Participants: fNIRS Study Regarding Software Engineering Tasks

Study Investigators: Yu Huang, Kevin Leach, Wes Weimer (CSE)

What will you do?

- Help develop the first model relating brain activation to Software Engineering tasks using fNIRS
- Perform various tasks related to software engineering with a focus on data structures
- Perform various tasks related to mental rotations
- Undergo a scan of part of your brain areas wearing a fNIRS cap while completing the tasks

What will we learn?
- Neural activation patterns for two tasks:
    - Data structure processing
    - Mental rotation tasks
- How to better train or manage these Software Engineering activities

What will you get?
- $50 for about 90 minutes of your time
- The warm fuzzy feeling of pushing forth the boundaries of human knowledge

You should participate if:
- You are 18+ years old
- You have basic knowledge of data structures (comparable to completion of EECS280 and EECS281)

This study is approved by the HSR-IRB via protocol #XXXXXXXX

Email Yu Huang (yhhy@umich.edu) by March 1 to participate.

fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu	fNIRS study for SE yhhy@umich.edu