



An fMRI study on how the brain processes visual information and rules

Description: we are seeking volunteers for a functional MRI study in which we investigate how visual information and rules are processed in the brain. fMRI is a safe and non-invasive method to read brain activity. While in the scanner you will be presented with square visual stimuli; your task will be to fixate on the central fixation square which tells you which button to press according to the stimulus-button mappings (rules) that you will learn in the training session.

For participating you

- Must be over 18 years of age.
- Must not have any permanent metal implant in your body.
- Must have normal vision (contact lenses in the scanner is okay however), no glasses are allowed.
- Must be right-handed.
- Should not have any neurological disorders or any other serious medical conditions.
- Should not be on medication that may alter your brain activity.

The study will be conducted in two sessions:

- 1) An eye-tracking session (1 hour): @ Level 1, AHH, MQ university.
- 2) An fMRI session (1.5 hours): @ MMI, MQ university hospital.

You will get:

- 1) **\$55** for your time
- 2) **A very interesting** MRI image of your brain on CD.

Please contact me if you are interested at:
hamid.karimi-rouzbahani@mq.edu.au