

# Workshop on fMRI data analysis

کارگاه عملی پردازش داده‌های تصویر برداری عملکردی مغز

## Instructors:

**Reza Rajimehr** - McGovern Institute for Brain Research, MIT

**Maryam Vaziri** - Department of Psychology, Harvard University

## Tutors:

**Elahe Yargholi** - School of Electrical and Computer Engineering, University of Tehran

**Neda Afzalian** - School of Cognitive Sciences, IPM

This 3-day workshop will be held in the Larak building of IPM in late December 2015 / early January 2016. The exact dates and times will be posted in the SCS website (<http://scs.ipm.ac.ir>).

The workshop will cover the theoretical aspects of structural and functional MRI data analysis, and will provide hands-on experience in analyzing sample datasets from real experiments. The workshop will have the following format:

Day 1: Analysis and visualization of structural data in Freesurfer

Day 2: Analysis and visualization of functional data in FS-FAST

Day 3: Complimentary analysis of structural and functional data in Matlab

Freesurfer/FS-FAST is operated in Linux environment. A brief introduction to Linux/UNIX will be given at the beginning of the workshop. A basic knowledge of Matlab is required for day 3 of the workshop.

If you are interested in applying for this workshop, please send a brief, one-page CV to the instructors ([rajimehr@mit.edu](mailto:rajimehr@mit.edu) and [mvaziri@fas.harvard.edu](mailto:mvaziri@fas.harvard.edu)). In your email, please include a brief, one-paragraph statement on how you will benefit from this workshop. The workshop will be limited to ~ 15 students. If we receive a high number of applicants, a limited group will be selected based on CV and a judgment of how much the workshop will be practically useful for a given applicant.

The deadline for sending your application is November 15, 2015. For the accepted applicants, there is no participation fee.