



Workshop on Computational Vision & Memory

Speakers:

Seyed-Mahdi Khaligh-Razavi
Massachusetts Institute of Technology (MIT)

Reza Ebrahimpour
Shahid Rajaee Teacher Training University (SRTTU) &
Institute for Research in Fundamental Sciences (IPM)

Topics:

- *Deep learning: the rivalry between man and machine
- *Visual Memorability: an intrinsic brain signal distinct from memory
- * Feedforward object-vision models and invariant object recognition
- * A specialized face-processing network consistent with the representational geometry of monkey face patches

+ **To apply for the workshop**, please send a brief, one-page CV to the instructors (skhaligh@mit.edu and ebrahimpour@ipm.ir).

+ The application **deadline** is the 1st of November 2015.

+ For accepted applicants, there is no participation fee.

Time: Tuesday, 3 November 2015: 9 AM - 4 PM.

Wednesday, 4 November 2015: 8 AM - 2 PM.

Place: IPM- Niavaran Building, Niavaran Sq., Tehran

more info: <http://scs.ipm.ac.ir/>

Timetable

❖ Tuesday (3 lectures):

➤ 9:00 -10:30

Dr. Ebrahimpour:

Opening remarks & Feed-forward models and invariant object recognition

— (10:30-11:00 break)

➤ 11:00-12:30

Dr. Khaligh-Razavi : *Deep learning 1*

— (12:30-14:00 prayer/lunch)

➤ 14:00 – 15:30

Dr. Khaligh-Razavi: *Deep learning 2*

❖ Wednesday (3 lectures):

➤ 8:00 -9:30

Dr. Khaligh-Razavi: *Memorability 1*

— (9:30-10:00 break)

➤ 10:00-11:30

Dr. Khaligh-Razavi : *Memorability 2*

— (11:30-12:00 break)

➤ 12:00 – 13:30

Dr. Ebrahimpour : *A specialized face-processing network consistent with the representational geometry of monkey face patches & Closing remarks*