



## Farhad Farkhondeh Tale Navi

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### Current Positions

**Ph.D. student in Cognitive Neuroscience**, University of Tabriz **Sep.2016 – Present**  
**Major:** Brain and Cognition **GPA:** 4.86



**Ph.D. dissertation Title:** Causal Relationship Between Theta Oscillations and Working Memory  
Using Closed-loop Neurofeedback System

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### Educations

- **B.E. in Mechanical Engineering** **Sept. 2002- June 2007**  
Golpayegan University of Engineering (under the supervision and academic support of Sharif University of Technology (SUT)), Golpayegan, Iran
- **M.S. in Mechanical Engineering** **Sept. 2007 – Mar. 2010**  
Shahid Beheshti University (SBU), Tehran, Iran



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### Research Interests

- Learning and Memory
  - Closed-loop Neuromodulation
  - Mechanisms and Functions of Theta Oscillations
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### Attended Congress and workshops

- Attended at the Sixth International Conference of Cognitive Science (ICCS 2015) “**Gateways to Enter the Field of Cognitive Neuroscience**”, April 27-29, 2015, Tehran, Iran.
- Attended a 3-day workshop on “**Introduction of EEG Biofeedback (Neurofeedback)**” Sponsored by Farmedschool. 16th –18th November 2016, Tehran, Iran.
- Attended a 2-day workshop on “**Hands on Statistics with R ,Applied Methods in Cognitive Sciences**” organized by School of Cognitive Sciences at Institute for Research in Fundamental Sciences (IPM), 7th – 9th March 2017 , Tehran, Iran.
- Attended a 2-day workshop on “**Rodent Electrophysiology, Imaging and Data Analysis**” organized by School of Cognitive Sciences at Institute for Research in Fundamental Sciences (IPM), 9 - 10 December 2017, Tehran, Iran.
- Attended a one day Workshop on “**Optogenetics: Controlling the brains function with laser**” organized by Research Institute for Applied Physics and Astronomy, University of Tabriz, 11 December 2017 , Tabriz, Iran.
- Attended a one day Workshop on “**Sleep Oscillation and Memory**” that took placed at the School of Cognitive Sciences at Institute for Research in Fundamental Sciences (IPM), 30 Jan, 2018, Tehran, Iran.
- Attended a 2-day seminar on “**Brain Mapping Skills Training**” organized by National Brain Mapping Laboratory (NBML), 31Jan & 1Feb 2018, Tehran, Iran.

- Presented a lecture on “**Principles and Applications of EEG in Cognitive Neurosciences**” in the occasion of the Brain Awareness Week at the University of Guilan, 26 March 2018, Guilan, Iran.
- Participated in “**2<sup>nd</sup> Iranian Symposium on Brain Mapping Updates (ISBM2018)**” “organized by National Brain Mapping Laboratory (NBML), 10<sup>th</sup> & 11<sup>th</sup> October 2018, Tehran, Iran.
- Participated in “**2<sup>nd</sup> Iranian Symposium on Brain Mapping Updates (ISBM2018)**” “organized by National Brain Mapping Laboratory (NBML), 10<sup>th</sup> & 11<sup>th</sup> October 2018, Tehran, Iran.
- Attended a 2-day workshop on “**LFP recording in freely moving rats**” organized by Iranian Society of Physiology and Pharmacology held in the Neuroscience Research Center, Shahid Beheshti University of Medical Sciences, 4 - 5 December 2018, Tehran, Iran.
- Presented a lecture on “**Electrophysiological Experiments in Closed-Loop Paradigm**” as a member of “**Closed-loop Neurofeedback systems**” Panel in the 7th Basic & Clinical Neuroscience Congress (BCNC2018) 12-14, December 2018 Tehran, Iran.
- currently involved in the research project: *The effect of Astroglial connexin 43 on synaptic plasticity of the CA1 hippocampal neurons in the morphine-dependent rat*, project No. **96011035** registered at Iran National Science Foundation (INSF) under Supervisory of Dr.S. Heysieattalab as PI.

## awards and honors

- Received grant from the Cognitive Sciences and Technology Council (CSTC) of I.R. IRAN for research opportunity at UCSD. **Mar. 2019**

## Professional Memberships

2015- Present                      Iranian Society for Cognitive science & Technology



2019    Iranian Neuroscience Society



## References

### Dr. Mohammad Ali Nazari

Associate professor at Cognitive Neuroscience Division, Faculty of Education and Psychology, University of Tabriz, 29 Bahman Blvd., Tabriz, Iran, Email: nazaripsycho@yahoo.com

### Dr.Soomaayeh Heysieattalab

PhD of Neuroscience, Cognitive Neuroscience Division, Faculty of Education and Psychology, University of Tabriz, 29 Bahman Blvd., Tabriz, Iran, Email:heysieattalab@gmail.com

## Teaching Experience

Instructor at Information Technology Department, Faculty of Technology and Engineering, Payame Noor University (PNU) of Guilan, Iran since Fall 2013.

### Teaching Experience Undergraduate Courses

- Nanomaterials in Engineering
- Manufacturing processes
- Computer Aided Design and Manufacturing

## Computer Skills

Data analysis and Programming: MATLAB, R, EEG Lab.