

Sheida Ansarinasab

Biography

Sheida Ansarinasab was born on March 5, 1996, in Khorramabad, Iran. She received her B.SC and M.SC degrees in biomedical engineering in 2019 and 2021 from the biomedical engineering department, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran. She is currently studying for a Ph.D degree. She is interested in EEG signal processing, chaos and its application in biological signals, synchronization and complex network.

Education

- **2016-2019:** B.SC degree in biomedical engineering at Amirkabir University of Technology in Tehran, Iran. (Average: 17.50/20)
- **2019-2021:** M.SC degree in biomedical engineering at Amirkabir University of Technology in Tehran, Iran. (Average: 17.51/20)
- **2021-Present:** Ph.D degree in biomedical engineering at Amirkabir University of Technology in Tehran, Iran. (Average: 19.58/20)

Research Experience

- **B.SC Thesis:** Longitudinal Study of ADHD Based on Connors Questionnaire in Amirkabir University students: Dr. Farnaz Ghassemi (Grade: 20/20)
- **M.SC Thesis:** Measuring the phase synchronization in the ADHD brain networks while observing facial emotions: Dr. Farnaz Ghassemi (Grade:20/20)

Research Interests

- EEG Signal Processing
- Functional Brain Network Analysis
- chaos and its application in biological signals
- synchronization in complex networks

Publications

- **Journal:**
 - ✓ Ansari Nasab, S., Panahi, S., Ghassemi, F. et al. Functional neuronal networks reveal emotional processing differences in children with ADHD . Cogn Neurodyn 16, 91–100 (2022). <https://doi.org/10.1007/s11571-021-09699-6>

- ✓ Ansarinasab, Sheida, et al. "Synchronization stability analysis of functional brain networks in boys with ADHD during facial emotions processing." *Physica A: Statistical Mechanics and its Applications* 603 (2022): 127848.

- **Conference:**

- ✓ Ansarinasab S, Parastesh, Fatemeh , Nazarimehr, Fahimeh , Ghassemi, Farnaz , Jafari Sajad. Measuring the phase synchronization in the ADHD brain networks while observing facial emotions. The 1st International and 3rd National Conference on Biomathematics-Damghan University,Iran (Virtual;19-21 January 2022)19-21 January 2022.
- ✓ Ansarinasab S, Ghassemi, Farnaz, Tabanfar, Zahra. Longitudinal Study of ADHD Based on Connors Questionnaire in Amirkabir University students. The 1st International and 3rd National Conference on Biomathematics-Damghan University,Iran (Virtual;19-21 January 2022)19-21 January.

Skills

Programming Software: Matlab, Python, C++, EEGLAB

Research Accounts

Research Gate Link:

<https://www.researchgate.net/profile/Sheida-Ansarinasab>

Google Scholar Link:

<https://scholar.google.com/citations?user=2z1q0mEAAAAJ&hl=en&oi=ao>

Contact

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