



Shahid Beheshti University of Medical Sciences
School of Medicine
Department of Medical Physics and Biomedical Engineering

Seminar

Neuralink

Speaker: **Fateme Maghsoudlou**

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Abstract:

With its novel bidirectional communication method, Neuralink, the brain-reading gadget created by Elon Musk, is poised to transform human-machine relations. It represents a revolutionary combination of health science, neurology, and artificial intelligence. Neuralink is a potentially beneficial brain implant that consists of tiny electrodes and a small chip. It can be used to treat neurological conditions and improve cognitive function. Important discussions are nevertheless sparked by ethical worries about abuse, privacy, and security. It is important to maintain a careful balance between the development of technology and moral issues, as seen by the imagined future in which people interact with computers through thinking processes. In this presentation, the brief introduction of Neuralink technology, its history and its applications will be discussed.

Date: **Tuesday 2024/May/12 – 1403/Ordibehesht/25**

Time: **12:00 - 13:00**

Place: **Class #6, 2nd Floor, School of Medicine**

