



이름: 이수연/Sooyeon Ji

직위: 연수연구원/Postdoctoral researcher

소속: 서울대학교/Seoul national university

기타소속:

강연제목: 뇌 영상과 인공지능/

## Application of Artificial Intelligence in Neuroimaging

**Abstract:** This talk explores the integration of Artificial Intelligence (AI) across various neuroimaging techniques, with a emphasis on Magnetic Resonance Imaging (MRI). We will discuss the role of AI in advancing neuroimaging through faster image reconstruction and improved image processing capabilities. These AI-driven innovations have the potential to streamline imaging procedures and enhance diagnostic precision, though challenges remain. The presentation will highlight both the promising advancements and the complexities associated with AI in the field of neuroimaging, aiming to provide a balanced view of current technologies and their impact on research and diagnostics.

### Brief Biosketch

2023 Apr – Current

Post-Doctoral Researcher

**Seoul National University**, Republic of Korea

2018 Mar - 2023 Feb

Combined MS and Ph. D., Electrical and Computer Engineering

**Seoul National University**, Republic of Korea

2013 Mar - 2017 Aug

BS, Electrical and Computer Engineering

**Seoul National University**, Republic of Korea