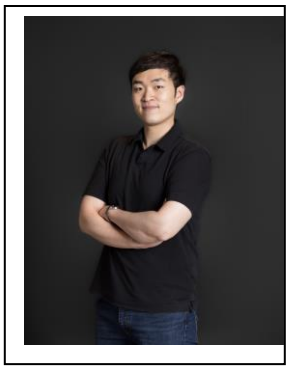

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강연제목: 고차원 뇌 영상 데이터 해독: 저차원 표현 벡터의 혁신적 접근

Decoding high-dimensional brain imaging data: An innovative approach using low-dimensional representation vectors

Abstract:

Recent advances in neuroimaging data analysis techniques have introduced novel approaches for assessing brain networks *in vivo*, placing systems neuroscience in an unprecedented position to explore macroscale neural organization, development, and disease. In this talk, I will present several approaches in neuroimaging data analysis, with a particular focus on graph-theoretical connectivity analysis and low-dimensional gradient approach. Additionally, I will briefly introduce resources that facilitate the development of new methods in neuroinformatics.

Brief Biosketch

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