第17回　高度医療都市を創出する未来技術国際シンポジウム

The 17th International Symposium for Future Technology
Creating Better Human Health and Society

認知脳科学の研究アプローチとその未来

Current Approaches and Future Perspectives in Cognitive Brain Science

日時：2026年1月15日（木）13:25–15:40（オンライン開催）

ZOOM: https://us06web.zoom.us/j/89897930589?pwd=dXvG1cE8nQdqVcbjhXJHSaDuimpya9.1

Cognitive brain science aims to reveal how the human brain enables perception, cognition, and social behavior. In recent decades, this field has advanced rapidly through the development of noninvasive neuroimaging and computational methodologies. Current approaches are characterized by the complementary use of functional magnetic resonance imaging (fMRI) and electroencephalography (EEG), allowing researchers to investigate brain function with both high spatial and temporal resolution. This symposium focuses on cutting-edge experimental and analytical approaches in cognitive brain science, highlighting recent advances in multimodal neuroimaging and multisensory perception. By bringing together researchers from different fields, we aim to promote interdisciplinary discussion and to explore future directions for understanding large-scale brain networks and brain–behavior relationships in both healthy and clinical populations.

FREE
参加無料
英語

PROGRAM

13:30 - 13:55

Dr. Yan Wu (Northeast Normal University, China)

From Implicit to Explicit in Statistical Learning: Long-Term Knowledge Shapes Neural Transition Mechanisms

13:55 - 14:20

Dr. Huiyun Wang (Jilin University, China)

Meaningful contingent attentional orienting effects

14:20 - 14:45

Dr. Anyuan Zhang (Changchun University of Technology, China)

Myoelectric-Controlled FES System Based on Multimodal Physiological Information Feedback Technology

14:45 - 15:10

Dr. Jiaying Sun (Liaoning Normal University, China)

Cognitive and Neural Mechanisms of Cross-Modal Attentional Spread

15:10 - 15:35

Dr. Chenyu Wang (Okayama University, Japan)

Marmoset UHF fMRI as a bridge to future brain imaging technologies

主催

日本：岡山大学大学院ヘルスシステム統合科学研究科

中国：長春理工大学、吉林大学、東北師範大学、遼寧師範大学
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J-PEAKS

SUSTAINABLE DEVELOPMENT GOALS