

Brain Time: Temporal Rhythms, Binding Windows, and the Present Moment



Speaker

David Melcher

Professor of Psychology at
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How is psychological time created, and how does it structure perception, action, and cognition? In this talk, David Melcher explores these mechanisms by focusing on three key ideas. First, he discusses how psychological time and general cognition are shaped by brain and body rhythms. Second, he examines how the brain organizes continuous sensory input into meaningful, discrete events through temporal binding windows operating across multiple timescales. Lastly, he discusses the roles of rhythms, binding windows, and predictive processes in generating our conscious experience of the "now."

Date and Time

Monday, November 16, 2026, 3:00–4:30 p.m.

* Please call 315 on the intercom. We will unlock the automatic door.

Languages

English

Venue

CHAIN Seminar Room, Mid-Campus Open Laboratory Building 2, 3rd Floor.
Hokkaido University

Event Format

- In-person attendance: No registration required
- Online attendance: Registration required

Online
Registration
Form



Organizer: Center for Human Nature, Artificial Intelligence, and Neuroscience,
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