

International Symposium Social Neuroscience for Education and Development

March 21-22, 2024

Educational Social Neuroscience Research Group

Overview of the event

Held in English, Onsite/ Online Hybrid

Program details and registration : <https://bit.ly/4bxa1j>

Venue

Kyoto University, Yoshida-South Campus Academic Center
Bldg. South Wing, Lecture room 11

Access1: <https://bit.ly/3SGl7bc>

Access2: <https://bit.ly/3SqznVe>

Organizer

Educational Social Neuroscience Research Group,
The three Grants-in-Aid for Scientific Research (project
number : 21K00457, 21H05059, 17K13498)

Support organization

Graduate School of Humanities, Osaka University

Financial support

The Kyoto University Foundation

Speakers

[Uri Hasson](#) (Princeton University)

[Adam K. Anderson](#) (Cornell University)

[Norihiro Sadato](#) (Ritsumeikan University/National Institute for Physiological Sciences)

[Atsushi Senju](#) (Hamamatsu University School of Medicine)

[Masako Myowa](#) (Kyoto University)

[Chihiro Hosoda](#) (Tohoku University)

[Hakwan Lau](#) (RIKEN Center for Brain Science)

[Tomohiro Ishizu](#) (Kansai University)

[Junichi Chikazoe](#) (ARAYA)

[Chiyo Yoshii](#) (Osaka University)

[Toshiyuki Kanamaru](#) (Kyoto University)



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International Symposium on Social Neuroscience for Education and Development

Day 1: Thursday, March 21, 2024

Meeting Chair: Chiyo Yoshii (Osaka University)

10:00-10:10 Opening Remarks: Toshiyuki Kanamaru (Kyoto University)

10:10-11:20 **Keynote Lecture : Uri Hasson (Princeton University)**
“Deep language models as a cognitive model for natural language processing in the human brain”
Introduction: Norihiro Sadato (Ritsumeikan University/National Institute for Physiological Sciences)

11:20-12:30 Lunch Break

Session 1

Neuroscience of Social Interactions in Humans: Inter-Brain Networks and Individualized Developmental Support
Chair: Chihiro Hosoda (Tohoku University)

12:30- 13:20 **Norihiro Sadato (Ritsumeikan University/National Institute for Physiological Sciences)**
“Across-brain networks emerged from face-to-face social interactions probed by hyper-scanning fMRI: eye contact, joint attention, and goal-directed conversation”

13:20-14:10 **Masako Myowa (Kyoto University)**
“Physiological-Behavioral Dynamics in Caregiver-Child Interactions :
Towards its systemic understanding and creation of 'Personalized' development support tools”

14:10-14:30 Break

Session 2

Neuroscientific Innovations: Optimizing Engagement and Advancing fMRI Analysis
Chair: Yukiyasu Kamitani (Kyoto University)

14:30- 15:20 **Hakwan Lau (RIKEN Center for Brain Science) (Virtual)**
“Using Closed-Loop (Neuro-)Physiological Measures to Optimize Content Likability”

15:20- 16:10 **Junichi Chikazoe (ARAYA)**
“Development of Novel fMRI Analysis Methods Using Pattern Analysis of Localized or Whole-Brain Activity”

Mini Talk 1

16:10- 16:20 **Toshiyuki Kanamaru (Kyoto University)**
"Prospects of Foreign Language Education Based on Social Cognitive Systems"

17:00- 19:00 Reception

Day 2: Friday, March 22, 2024

Meeting Chair: Junichi Chikazoe (ARAYA)

Session 3

Educational Strategies Informed by Neuroscience: Bridging Theory and Practice
Chair: Junichi Chikazoe (ARAYA)

9:00- 9:50 **Adam K. Anderson (Cornell University) (Virtual)**
“BrainSTEM: Explorations in Teaching Neuroscience in Early Education”

9:50- 10:40 **Atsushi Senju (Hamamatsu University School of Medicine)**
“Spontaneous social cognition and its development”

10:40- 10:50 Break

10:50- 11:30 **Chihiro Hosoda (Tohoku University)**
“Mapping the Development of Grit: Insights from our Research”

11:30-13:00 Lunch Break

Session 4

Exploring Emotion and Aesthetics in Neuroscience
Chair: Atsushi Senju (Hamamatsu University School of Medicine)

13:00-13:50 **Yukiyasu Kamitani (Kyoto University)**
“Decoding and sharing the Neuroverse”

13:50-14:40 **Tomohiro Ishizu (Kansai University) (Recorded)**
“Neuroaesthetics approaches to understand negatively valenced aesthetic experiences”

Mini Talk 2

14:40-14:50 **Chiyo Yoshii (Osaka University)**
“Using neuroscientific findings on the gray zone of consciousness as teaching materials for bioethics, social policy, and research methodology classes”

14:50-15:10 Break

15:10-16:10 Panel discussion: Summary and future directions

16:10- 16:20 Closing remarks: **Junichi Chikazoe (ARAYA)**

To register, please use the QR code on the right.

