



Social Dynamics Workshop 2025

'Individual, dyadic, and group dynamics inside and outside the lab'

20-21 November 2025 | Utrecht University | The Netherlands

Day 1 – Thursday, 20th November

Location: Booth Hall, Utrecht Science Park

9:00 – 9:30	Coffee and Registration
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9:30 – 9:45	Opening by Ruud Hortensius
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9:45 – 11:45	Talks Session 1
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Antonia Hamilton
University College London

Mariska Kret
Leiden University

Hayley Hung
Technische Universiteit Delft

11:45 – 12:00	Introduction Brite Ultra
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12:00 – 13:30	Lunch + Posters
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1. <i>Interpersonal brain coherence in joint attention</i>
Francesco Di Ciò
Institute of Cognitive Neuroscience, University College London

2. <i>Testing the Causal Relation Between Interpersonal Closeness and Inter-Brain Synchrony</i>
Laura Fornari
Department of Clinical, Neuro- & Developmental Psychology, Vrije Universiteit Amsterdam

3. <i>An Open-Source Pipeline for Adult-Infant EEG Hyperscanning in Naturalistic Interactions</i>
Marine Gautier-Martins
Lille Neurosciences & Cognition Lab, Lille University
4. <i>A Multimodal Dataset for Modeling Decision-Making Processes Involved in Selecting Partners for Joint Tasks</i>
Tiffany Matej Hrkalic
TU Delft
5. <i>fNIRS Hyperscanning of Audience Effects in Moral Decision-Making: Establishing Methodology for Social Moral Cognition Research</i>
Tobias Ashdown
Institute of Cognitive Neuroscience, University College London
6. <i>Investigating dyadic interaction patterns using Cross-Recurrence Quantification Analysis (CRQA) and Cross-Spectral Analysis</i>
Valerie Spieker, Monika Donker
Department of Education and Pedagogy, Utrecht University
7. <i>Affective Touching Behaviors among Couples</i>
Edgardo Silva
Department of Clinical Psychology, Institute of Psychology, Friedrich-Schiller-Universität Jena, Jena, Germany
8. <i>Breaking emotional barriers: exploring facial and vocal emotion processing in mother-child dyads and associations with symptoms of depression and anxiety.</i>
Farah Som Nath
Developmental Psychiatry, Department of Neurosciences, KU Leuven
9. <i>Linking social environment dynamics to mental health outcomes</i>
Haily Merritt
Network Science Institute, Northeastern University London
10. <i>Feasibility and Validation of Robot-Mediated Wellbeing Measures for Children</i>
Jacqueline Borgstedt
Social Brain Sciences Lab, ETH Zurich
11. <i>Social gaze of prematurely born preschoolers during face-to-face interactions.</i>
Rowena Van den Broeck
Developmental Psychiatry, Department of Neurosciences, KU Leuven

12. <i>Team coordination dynamics in e-sports, aviation, and healthcare</i>
Travis J. Wiltshire
Research Center for Cognitive Science & Artificial Intelligence, Tilburg University
13. <i>The Persistence of Interbrain Synchrony in Group Interactions</i>
Ann Hogenhuis
Utrecht University
14. <i>There Are...Four Birds!: Participants Follow AI Advice More Than Human Advice in Both Cooperative and Competitive Settings.</i>
Zhen Cong
UVA
15. <i>Detecting conversation groups by incorporating temporal and spatial factors</i>
Zonghuan Li
TU Delft
16. <i>I Don't Always Do What I Am Told: The Case for Task Incongruence-Aware Systems for Technology-Supported Reflection on Social Interactions</i>
Chenxu Hao
TU Delft
17. <i>The ontogeny of bonding with others through shared experiences</i>
Wouter Wolf
Utrecht University
18. <i>Exploring the spatiotemporal dynamics of model-based mind perception with integrated EEG-fNIRS</i>
Dorka Boda
Utrecht University
19. <i>The Family Brain Across Cooperation and Competition</i>
Ronja Held
Utrecht University
20. <i>Empathy in sync: How Family Empathy relates to Interbrain Synchrony</i>
Aline Moore Lorusso

Utrecht University

13:30 – 15:30	Talks Session 2
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Suzanne Dikker
New York University, Ghent University

Emily Cross
ETH Zurich

15:30 – 16:00	Coffee
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16:00 – 17:00	Flash Talks
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1. <i>fNIRS Hyperscanning of Audience Effects in Moral Decision-Making: Establishing Methodology for Social Moral Cognition Research</i>
Tobias Ashdown
Institute of Cognitive Neuroscience, University College London, London, UK

2. <i>Investigating the Effects of Other Adults on Mother-Toddler Neural Synchrony in Collaborative Play</i>
Rebecca Terry
Centre for Brain and Cognitive Development, Birkbeck, University of London, London, UK

3. <i>Interpersonal Transmission of Stress: Facial Mimicry as a Digital Marker of Empathic Stress</i>
Magdalena Degering
Jena University Hospital, Friedrich Schiller University, Jena, Germany

4. <i>Blood, Sweat and Talking: Physiological Responses during Conversations with Representatives of Sensitive Societal Issues</i>
Maaïke D. Homan
Organisational Behaviour Group, Utrecht University, Utrecht, The Netherlands

17:00 – 18:00	Drinks
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Day 2 – Friday, 21st November

Location: Aristo Meeting Center, Utrecht Central Station

9:00 – 9:30	Coffee
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9:30 – 11:30	Talks Session 3
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Milica Nikolic
University of Amsterdam

Ruud Hortensius
Utrecht University

Eva Wiese
Technische Universität Berlin

11:30 – 13:00	Lunch + Posters
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1. <i>Who Makes Me Laugh? Laughter and Synchrony in Autistic and Non-Autistic Friends and Strangers</i>
Ceci Qing Cai
Institute of Cognitive Neuroscience, University College London

2. <i>Blind Dates: A multi-method investigation of the development of interpersonal closeness</i>
Gaia Lapomarda
Institut für Psychologie, Universität Innsbruck

3. <i>Vicarious agency in joint action: the role of shared goals and actions interdependency</i>
Margherita Adelaide Musco
Department of Psychology, University of Milano-Bicocca

4. <i>Hyperscanning technique in fMRI research: a (ongoing) systematic review</i>
Shuo Chen
Clinical Psychology and Behavioral Neuroscience (Kanske Lab), Technische Universität Dresden

5. <i>On the Same Wavelength: How Emotional Disclosure Shapes Neural Synchrony</i>
Vanessa Nöring
Institut für Psychologie, Friedrich-Schiller-Universität Jena
6. <i>Understanding attachment in vulnerable infants: The role of physiological regulation and family biobehavioural synchrony</i>
Yana Van der Heyden
Developmental Psychiatry, Department of Neurosciences, KU Leuven
7. <i>Parent-Infant Interpersonal Neural Synchronization and Social Gaze Direction during the Face-to-Face Still-Face Paradigm</i>
Yaren Günay
Research Center for the Psychology of Cognition, Language and Emotion, Aix-Marseille University
8. <i>Electrophysiological Signatures of Dyadic Interaction: Differentiating Neural Responses to Successful Versus Failed Eye Contact Initiation</i>
Ayuan Wu
NEVIA Lab, LMU University Hospital, Munich
9. <i>The neuroendocrinological mechanisms underpinning relationship formation, and the role of socio-affective touch</i>
Bonnie O'Malley
Linköping University, Sweden
10. <i>Investigating bilingual advantage in selective attention activation across the lifespan: A museum-based fNIRS study</i>
Gavkhar Abdurokhmonova
Human Development and Quantitative Methodology, University of Maryland
11. <i>Brain-hormone co-modulation during human social touch</i>
India Morrison
Linköping University, Sweden
12. <i>Collaboration Promotes Risk-Taking in Human-Robot Dyads</i>
Jairo Perez-Osorio
Brains, Minds & Bots Lab, Technische Universität Berlin
13. <i>AI knows your goals, but do you? Downstream consequences of outsourcing goal-setting to an AI agent</i>
Livia Reguş

Department of Psychology, Utrecht University
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<i>14. Investigating Dual Physiological Responses in Autistic Children during Real-life Social Interactions</i>
Ruth Op de Beeck
Developmental Psychiatry, Department of Neurosciences, KU Leuven

<i>15. I see you! Performer gaze conveys levels of acting during live performances</i>
Albane Arthuis
Institute of Cognitive Neuroscience, University College London

<i>16. Beyond dyads: The impact of physical synchrony on inter-brain synchrony during inter-group conflict</i>
Hester van Beek
Utrecht University

13:00 – 15:00	Talks Session 4
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Paola Pinti
Birkbeck, University of London

Matteo Diano
University of Turin

Diana Crafa
Vrije Universiteit Amsterdam

15:00 – 15:30	Coffee
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15:30 – 16:30	Flash Talks
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<i>1. The challenge of social exchange Information Asymmetry in Human–Human and Human–Computer interaction</i>
Tommaso Berni
Milan Centre for Neuroscience, University of Milano-Bicocca, Milan, Italy

2. <i>Contextual Modulation of Prosody in Autistic and Non-Autistic Dyads</i>
Magdalena Matyjek
Institute of Cognitive Neuroscience, University College London, London, UK

3. <i>Allyship in Action: Rethinking Gender Dynamics in Meetings</i>
Freya Grimme
Institut für Psychologie, Technische Universität Braunschweig, Braunschweig, Germany

4. <i>The role of social touch on neurophysiological synchrony and cooperation</i>
Reinoud Kaldewaij
Experimental Psychology, Utrecht University, Utrecht, The Netherlands

16:30 – 17:00	Closing
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