## TITLES

| Monday morning |
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Session chair: Adrian Wieczorek

### Prof. Steven LaValle
Professor, Robotics, VR, University of Oulu, UBICOMP

*What Belongs in a Robot's Brain?*

> **Keynote 1**
> Chair: Adrian
> 9:30–10:30

### Michael Cannon
Master of Arts, Eindhoven University of Technology

*Making sense of 4E cognition Problem-Solving and Problem-Defining*

> **Talk 1**
> Chair: Adrian
> 11:00–11:40

### Alexander Hölken
Doctoral student, Ruhr University Bochum

*Defining the boundaries of cognitive systems: The Dynamical Approach*

> **Talk 2**
> Chair: Adrian
> 11:40–12:20

| Monday afternoon |
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Session chair: Kalle Timperi

### Dr. Julian Kiverstein
Assistant Professor, Department of Psychiatry, Amsterdam University

*Generative passages in computational neurophenomenology*

> **Keynote 2**
> Chair: Kalle
> 13:45–14:45

### Charlotte A. Leferink
PhD candidate, University of Toronto

*Neurological underpinnings of perceptual versus cognitive visual processing areas*

> **Talk 3**
> Chair: Kalle
> 15:15–15:55

### Dr. Nicoletta Prencipe
Postdoctoral Researcher, University of Oulu

*A mathematical approach to color perception*

> **Talk 4**
> Chair: Kalle
> 15:55–16:35

## Dr. Dimitrios Askitis
Doctor of Philosophy, University of Copenhagen

*Situatedness in development: from the lab to the wild, from atoms to interaction*

**Talk 5**
Chair: Kalle
16:35–17:15

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### Tuesday morning

Session chair: Vadim Weinstein

name title aff title abstract keynote/talk time

## Prof. Daniel Hutto
Senior Professor of Philosophical Psychology, University of Wollong

*Minds: Maths, Models, and Metaphors*

## Dr. Jeremy Pober
Post-doctoral Fellow, University of Antwerp

*Conceptual Constitution and the Causal-Constitutive Fallacy*

**Talk 6**
Chair: Vadim
11:00–11:40

## Dr. des. Adrian Wieczorek
Research Assistant, Ludwig Maximilian University of Munich

*Presence in Context. Two Problems for Radical Enactivism.*

**Talk 7**
Chair: Vadim
11:40–12:20

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### Tuesday afternoon

Session chair: Adrian Wieczorek

## Dr. Inês Hipólito
Lecturer, Humboldt University of Berlin

*Cognitive Modelling: a Language Game of Situated Cultural Practices*

**Keynote 4**
Chair: Adrian
13:45–14:45

## Dr. Matti Pouke
Academy Research Fellow, University of Oulu

*Embodied cognition in virtual reality research*

**Talk 8**
Chair: Adrian
15:15–15:55

## Ben White
PhD Candidate, University of Sussex

*Ambient Smart Environments and the Situated Agent*

## Sepideh Ravanbakhsh
PhD student, Islamic Azad University

*Synergistic Integration of SOAR, MAS, and SMM for Collaborative Intelligent Systems. Maximizing Intelligence, Adaptability, and Efficiency*

## Wednesday morning

Session chair: Vadim Weinstein

## Dr. Otto Lappi
PhD, Senior Lecturer, Academy Research Fellow, Adjunct Professor,
University of Helsinki

*Disentangling Direct Perception from the Ecological Approach*

## Marco Degano
PhD Candidate in Philosophy, University of Wollongong

*On a few problems regarding acquisition and learning for Intellectualism about skills.*

## Dr. Luis Alejandro Villanueva
Guest researcher; lecturer, Konrad Lorenz Institute for Evolution and
Cognition Research, University for Music and Performing Arts, Vienna

*Acoustic affordances in the construction of sociomaterial niches.*

## Dr. Dylan Shell
Associate professor of computer science and engineering,
Texas A&M University in College Station, Texas

*Situated behavior with minimal state from the vantage point of computational complexity*

## Wednesday afternoon

Session chair: Kalle Timperi

# Prof. Antonio Bicchi
Professor, Italian Institute of Technology & University of Pisa

*What is it like to be a bot?*

**Keynote 6**
Chair: Kalle
13:45–14:45

## Thursday morning

Session chair: Kalle Timperi

# Dr. Jami Pekkanen
Postdoctoral Researcher, University of Helsinki

*ECS: A common formal framework for enactivist and cognitivist models*

**Talk 14**
Chair: Kalle
09:30–10:10

# Dr. Vadim Weinstein
Senior Research Fellow, University of Oulu

*Mathematics of non-semantic relationships between the agent and its environment*

**Talk 15**
Chair: Kalle
10:10–10:45