

## 7th PERIPATETIC CONFERENCE

### THURSDAY 18th

16:00 - 18:00

*dinner, orientation*

#### SESSION I

Informing experience: How things seem, how things are... how do we know

18:00 - 18:20

**Joanna Rączaszek-Leonardi**

Around information - information around (Welcome All)

18:20 - 18:40

**Piotr Litwin**

Rubber hand illusion does not arise from comparisons with internal body models

18:40 - 19:00

**Wiktor Rorot**

Spatial purport of perception. Modelling first-person, subjective experiences with predictive processing

19:00 - 19:10

*coffee break / sport break*

#### SESSION II

Information pick-up: Deep into the brain / Visual perception

19:10 - 19:30

**Elias Najarro**

Deep neural networks as a computational models of the human visual cortex

19:30 - 19:50

**Wojciech Mamak**

How similiar are (visual) perception and (image) compression?

19:50 - 20:10

**Andreas Reichelt**

PERI-vision: applying embodied and situated cognitive science to re-designing information pickup in visuomotor engagement for persons with age-related macular degeneration (ARMD)

20:10 - 20:20

*coffee break / sport break*

#### SESSION III

Reading off information: traces left by dynamics

20:20 - 20:40

**Ewa Ratajczak**

Addressing methodological gaps in HRV biofeedback research

20:40 - 21:00

**Bibianna Bałaj**

Transition entropy of eye movements during flight simulation

21:00 - 21:20

**Krzysztof Bielski**

Application of Dynamical Systems Theory to the Parcellation of the Human Amygdala

21:20 - 23:00

*informal chatting time*

### FRIDAY 19th

8:00 - 8:30

*yoga*

8:30 - 9:00

*breakfast*

#### SESSION IV

In-formed by interaction: how do we know what to do and when

9:00 - 9:40

**Thea Cameron-Faulkner**

Two heads are better than one: The emergence of triadic interaction

9:40 - 10:00

**Nicole Rossmannith**

Exploring the roles and interplay of different modalities and strands of action in the co-composition and co-regulation of joint cultural activities

10:00 - 10:20

**Arkadiusz Białek**

From ritualization to conventionalization – another take on development of pointing.

10:20 - 10:30

*coffee break / sport break*

#### SESSION V

In-formed by other minds: how do we know what others know

10:30 - 10:50

**Julian Zubek**

Ten reasons why social interactions are more than just any physical interactions

10:50 - 11:10

**Adrianna Smurzyńska**

What do we read during mindreading?

11:10 - 11:30

**Robert Mirski**

An action-based account of the false belief tasks

11:30 - 11:40

*coffee break / sport break*

11:40 - 12:00

**Adrianna Kucińska**

Amor vincit omnia, or a plot-driven theory of mind

12:00 - 12:20

**Edgar Filip Różycki**

Rituals as a consequence of external information

12:20 - 17:00

PERIPATETIC ACTIVITY: MOUNTAIN WALK

17:00 - 18:00

*dinner*

#### SESSION VI

Emergent in-formation: collective creativity

18:00 - 18:40

**Ingar Brinck**

Information in the dynamic systems perspective: Dialogue in the making, or working with clay

18:40 - 19:00

**Klara Łuczniak**

Sync To The Others Not To The Movement – The Investigation Into Shared Physiological Dynamics In Dance Improvisation

19:00 - 19:20

**Karolina Ziembowicz**

Emergent patterns of coordination - relation between turn-taking structure and content of communication in group interaction

19:20 - 19:30

*coffee break / sport break*

#### SESSION VII

From transferring information to communication

19:30 - 20:10

**Bruno Galantucci**

Satisficing trumps imprimizing in human communication

20:10 - 20:30

**Agata Kochańska**

Grammatical structures as a means of regulating interpersonal relations: A note on the grammar of verbal abuse

20:30 - 20:50

**Konrad Zieliński**

Towards a model of interaction after laryngectomy. First person perspective on selected communication methods

20:50 - 21:10

**Martin Hagmüller**

A bionic speaking aid

21:10 - 21:20

*coffee break / sport break*

21:20 - 21:25

**Avner Peled**

Soft telerobots as mediators between humans (demonstration intro)

21:25 - 21:30

**Maria Zimmermann**

Perceptual priors on tactile rhythms in the deaf (demonstration intro)

#### POSTER TEASERS (1 MIN EACH)

21:30 - 22:00

**Konrad Dudek**

Looking for grounding - semiotic behavior in "The Symbolic Species" by T. Deacon" (poster book review)

**Marcin Hajnowski**

Comparing the effects of HRV biofeedback and novel sham control condition on chosen psychophysiological measures (poster)

**Mateusz Chojnowski**

MovEye: Simultaneous gaze control of multiple parameters (poster)

**Olena Nikolenko**

Cognitive load theory in e-learning: what can increase people's motivation to study from home? (poster)

**Tomasz Korbak**

Evaluating the scalability of deep active inference (poster)

**Paweł Motyka**

Proprioceptive accuracy does not modulate the strength of the rubber hand illusion (poster)

**Krzysztof Bielski**

The description - experience gap in the research of social decision making (poster)

**Jarosław Biedrzycki**

Temporal organization of action observation and complex mental attribution: an event-related potential study. (poster)

**Anna Machens**

Explainable AI (poster)

**Magdalena Szymtke**

Effectiveness of different types of language training in infants

**Ivanna Kozachenko**

Thinking fast and slow (book review)

**Aleksandra Aniszewska-Stańczuk**

Mere Exposure Effect in visual – haptic perception (poster)

**Felix Binder**

The boundary of mind under predictive processing (poster)

**Ryszard Szamburski**

Recent advances in voice restoration and augmentation systems (poster)

22:00 - 00:00

*informal discussions around posters*

### SATURDAY 20th

8:00 - 8:30

*relaxation & warmup*

8:30 - 9:00

*breakfast*

#### SESSION VIII

Information in quantum bits

9:00 - 9:40

**Marek Kuś**

Quantum vs. Classical Machine Learning

9:40 - 9:50

*coffee break / sport break*

9:50 - 10:10

**Łukasz Dębowski**

Three Power Laws Which Show That Language Is Not A Finite-State Process

10:10 - 10:30

**Franciszek Rakowski**

Coordinating quantifiers through language

10:30 - 10:50

**Szymon Rutkowski**

Designing Networks of Spiking Neurons for Practical Use: the Case of Reading

10:50 - 11:00

*coffee break / sport break*

#### SESSION IX

The shape of information: graphs, nets, curves

11:00 - 11:20

**Piotr Migdał**

Drawing diagrams & thinking in tensors

11:20 - 11:40

**Michał Denkiewicz**

Measuring information in biological networks

11:40 - 12:00

**Ewa Sitarska**

Understanding the role of plasma membrane curvature in cell motility

12:00 - 17:00

PERIPATETIC ACTIVITY: MOUNTAIN WALK

17:00 - 18:00

*dinner*

#### SESSION X

Information for trust: AI & Robotics

18:00 - 18:40

**Angelo Cangelosi**

Developmental Robotics for Language Learning, Trust and Theory of Mind

18:40 - 19:20

**Aleksandra Przegalińska-Skierkowska**

Cognitive scientific research on language-chatbot interaction

19:20 - 19:30

*coffee break / sport break*

#### SESSION XI

In-formed norms and information around

19:30 - 19:50

**Mel Andrews**

Biological Information in Two Aspects: Correlative and Normative

19:50 - 20:10

**Tim Elmo Feiten**

Mind after Uexküll: On Baggs and Chemero's use of the term Umwelt and its wider implications for the Philosophy of 4E Cognition

20:10 - 20:20

*coffee break / sport break*

20:20 - 20:40

**Bartosz Maćkiewicz**

What does it take to explain philosophical intuition? Some remarks on argumentative strategy of the "Sources project"

20:40 - 00:00

*gathering around a fire*

### SUNDAY 21th

8:00 - 8:30

*warmup*

8:30 - 9:00

*breakfast*

9:00 - 12:00

WORKSHOP IN THE MOUNTAINS

12:00 - ...

*going home, election day*