

# Program

## Wednesday, 20 October 2021

11:00          Opening

### Introduction

*Chair:*          *Angel, Seitz*

11:15          Pathways and crossroads to creditions - insights from a retrospective view          Angel

11:45          Beliefs: neurophysiological underpinnings          Seitz

12:15          Self-in-the-world-map evolved in the primate brain as bases of civilized Homo sapiens          Iriki

12:45          Discussion

*Break*          *13:00 – 14:00*

### Philosophy

*Chair:*          *Van Leeuwen*

14:00          The nature of belief from a philosophical perspective          Schwitzgebel

14:30          Are we in control of our creditions? – Doxastic voluntarism and the theory of creditions          Visala

15:00          Exploring the diversity of religious beliefs through studies of philosophy of religion and neuroscience          Runehov

15:30          Cognitive underpinnings of Buddhist philosophical traditions          Forman

*Break*          *16:00 – 17:30*

### Cognitive Science

*Chair:*          *Fuentes*

17:30          Believing: Meaning making systems          Park

18:00          Placebo, nocebo: Believing in the field of medicine          Meissner

18:30          Proximate and ultimate causes of supranatural beliefs          van Elk

19:00          Neuroscience of religion: Pitfalls and prospects          Schjödtt

*Dinner*          *20:00*

## Thursday, 21 October 2021

### Physiology I

*Chair:* Shamay-Tsoory

|       |                                                                  |         |
|-------|------------------------------------------------------------------|---------|
| 9:00  | Towards a psychoneurobiological framework of interpersonal trust | Krueger |
| 9:30  | Cultural differences in neurocognitive mechanisms of believing   | Han     |
| 10:00 | Invisible presences                                              | Blanke  |

*Break* 10:30 – 11:00

### Clinical Studies

*Chair:* Sugiura

|       |                                                                                                 |               |
|-------|-------------------------------------------------------------------------------------------------|---------------|
| 11:00 | The empathic brain: A two-brains approach for understanding the neural underpinnings of empathy | Shamay-Tsoory |
| 11:30 | Neural underpinning of human beliefs: Evidence from brain lesions                               | Cristofori    |
| 12:00 | Believing in the Covid19-pandemic in individuals with bipolar disorders                         | Dalkner       |
| 12:30 | Learning about credition                                                                        | Madzarevic    |

*Break* 13:00 – 14:00

### Physiology II

*Chair:* Krueger

|       |                                                                                                                                                         |           |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 14:00 | Abstractness and language                                                                                                                               | Borghi    |
| 14:30 | How our environment and emotional responses shape how we learn                                                                                          | Garrett   |
| 15:00 | Sensorimotor basis of self-transcendence                                                                                                                | Sugiura   |
| 15:30 | Behavioral and neural mechanisms of social interaction: New developments in social neuroscience and implications for the study of psychiatric disorders | Schilbach |

*Break* 16:00 – 16:30

### Decision Making

*Chair:* Blanke

|       |                                                                                                      |            |
|-------|------------------------------------------------------------------------------------------------------|------------|
| 16:30 | Neural mechanisms underlying expectation-guided decision-making                                      | Kahnt      |
| 17:00 | Where do our preferences come from? The impact of hard choices on the neural coding of preferences   | Voigt      |
| 17:30 | The influence of credition on decision making in the development of sustainable powertrain solutions | Kranabittl |

*Dinner 19:00*

## Friday, 22 October 2021

### Modelling

*Chair*                      *Hick*

|       |                                                                        |            |
|-------|------------------------------------------------------------------------|------------|
| 9:00  | The synergies between understanding belief and artificial intelligence | Lumbreras  |
| 9:30  | Doxastic and deontic models of belief                                  | Vestrucci  |
| 10:00 | The phylogenesis and ontogenesis of biases                             | van Eyghen |

*Break*                      10:30 – 11:00

### Believing and Beliefs

*Chair:*                      *Runehov*

|       |                                                                                  |             |
|-------|----------------------------------------------------------------------------------|-------------|
| 11:00 | Why the multidisciplinary study of belief and believing matters so much.         | Oviedo      |
| 11:30 | Two concepts of 'belief' strength: Epistemic confidence versus identity strength | van Leeuwen |
| 12:00 | Degrees of belief and categorical beliefs                                        | Dietrich    |
| 12:30 | Evolving belief: Insights into the development and functioning of human society  | Fuentes     |

*Break*                      13:00 – 14:00

### Believing, Appraising, and Meaning Making

*Chair:*                      *Oviedo*

|       |                                                                               |            |
|-------|-------------------------------------------------------------------------------|------------|
| 14:00 | Believing and appraising in meaning making processes                          | Park       |
| 14:30 | Believing and the disposal of bodies after death                              | Applewhite |
| 15:00 | Believing and appraising in context: Cognizing experiences as events          | Taves      |
| 15:30 | Believing, appraising and lived experience: Can we separate them in practice? | Ihm        |

16:00                      *End of symposium*