

# ERC Symposium in Tübingen

## Neural and Computational Representations of Bodies and Shapes

Wednesday, 13 March 2024, 15:00 – 19:00  
Location: Lecture Hall Microbiology / Virology,  
Elfriede-Aulhorn-Str. 6

### Organizers:

**Prof. Dr. Martin Giese**

(Section for Computational Sensomotrics, HIH/CIN, University Hospital of Tübingen)

**Prof. Dr. Beatrice de Gelder**

(Brain and Emotion Laboratory, Maastricht University)

**Prof. Dr. Rufin Vogels**

(Department of Neurophysiology, KU Leuven)



### Program:

15:00 – 15:40 **Prof. Dr. Jakob Macke**

(Machine Learning in Science, Faculty of Mathematics and Natural Sciences, University of Tübingen)

**Title:** "Mechanistic models of visual computations"

15:40 – 16:20 **Prof. Dr. Felix Wichmann**

(Neural Information Processing, Department of Computer Science, Faculty of Science, University of Tübingen)

**Title:** "Visual object recognition in man and deep neural networks"

16:20 – 17:00 **Prof. Dr. Esther Kühn**

(Translational Imaging of Cortical Microstructure, Hertie Institute for Clinical Brain Research, University Hospital of Tübingen)

**Title:** "Body representations in the aging brain"

-----**Break 20 minutes**-----

17:20 – 18.00 **Prof. Dr. Marina Pavlova**

(Social Neuroscience, Department of Psychiatry and Psychotherapy and Tübingen Center for Mental Health (TüCMH), University Hospital of Tübingen)

**Title:** "Reading Body Language"

18:00 – 18:40 **Prof. Dr. Hans -Peter Thier**

(Cognitive Neurology, Hertie Institute for Clinical Brain Research, University Hospital of Tübingen)

**Title:** "Toward the neuronal basis of joint attention: studies in humans and monkeys"