



The Active Self

SPP funded by DFG

**Program Biannual meeting SPP 'The Active Self' Fulda
February 27th to March 1st**

We have an extra room this time for extra meetings. This is room 'Meran' in the cellar.

Please know this room may be used during Saturday and Sunday for childcare purposes. However, it should be free outside conference hours.



Thursday February 27th

14:00 Put up your posters!

14:15 **Short welcome: Prof. Bernhard Hommel/ Dr. Stephan Verschoor**, collect topics for plenary

14:45 **Julia Engel (DFG Spokesperson)**

Talk on the second period of the SPP

15:15 Coffee

16:00 **M.Sc. Maurits Adam**, Introduced by representative of group of: Prof. Jochen Müsseler

Event predictions across the first two years of life for observed manual and mechanical grasping actions

16:15 **M.Sc. Sebastian Kahl & Sebastian Wiese**, Introduced by Dr. Jakob Kaiser

Towards a computational cognitive modeling framework of the predictive active self in situated action

16:30 **M.Sc. Nina Hinz**, introduced by: Dr. Pablo Lanillos

First steps in the early development of the active self

16:45 Mini break

17:00 **Dr. Pablo Lanillos**, introduced by representative of group of: Markus Paulus

Variational free energy approach for body perception and action

17:15 **Dr. Jakob Kaiser**, introduced by representative of group of: Prof. Nele Rußwinkel

The interplay of neural and interoceptive processing in action control and self-regulation.

17:30 **Dr. Guido Schillaci**, introduced by: Dr. David Magezi

Prediction error dynamics in robots

17:45 Mini break

18:00 Scientific Speeddating in Parkhotel Restaurant, Please pay directly at the dinner

19:30 Official Dinner in Parkhotel Restaurant: Self paid



Friday February 28th

09:00 Prof. Verena Hafner:

Workshop on Developmental Robotics

10:00 *Coffee break*

10:45 *Workshop discussion*, led by: Christian Böffel

11:45 Prof. Jochen Müsseler, Introduced by representative of group of: Prof Martin Butz & Prof. Birgit Elsner

Augmenting the self with an Avatar

12:00 Prof. Markus Raab, introduced by representative of group of: Prof. Fred Hamker

Climbing to yourself: Preliminary data of Study 1 of the project: A developmental embodied cognition perspective on the relation between the minimal self and sensorimotor and cognitive skills

12:15 *Lunch*

14:15 Dr. David Magezi, introduced by: Dr. Guido Schillaci

Active voice: Behavioral study of the influence of dynamic pitch on voice self-ownership

14:30 M.Sc. Katrin Schulleri & M.Sc. Youssef Abdelwadoud, introduced by representative of group of: Prof. Wilfried Kunde

Testing the association between own body representation and balance control: An interactive robotic light touch entrainment paradigm

14:45 M.Sc. Marvin Liesner, introduced by representative of group of: Prof. Dr. Dongheui Lee & Dr. Leif Johannsen

The interplay of resident and remote components of the active self

15:15 *Coffee break*

16:00 **Poster Session 1**

(Projects 1 to 11 as mentioned on www.activeself.de)

18:00 *Finish*

Extra evening program! Climbing with Prof. Fred Hamker and M.Sc. Valentin Forch! More info will follow..

Free to make your own dinner plans.

20:30 Extended committee eats at: Restaurant Goldener Karpfen



Saturday February 29th

09:00 Discussion “The Minimal Self”, led by Bernhard Hommel

10:30 Coffee break

11:00 **Dr. Ezgi Kayhan**, introduced by representative of group of: Prof. Dr. Andrea Hildebrandt

Mind the Body: A multilevel hyperscanning project on the emerging sense of self through embodied interactions in infancy

11:15 **M.Sc. Valentin Forch**, introduced by representative of group of: Prof. Dr. Markus Raab & Prof. Dr. Azzurra Ruggeri

Cerebellum-Inspired Learning of Forward Models for Motor Control

11:30 **Dr. Stephan Verschoor**, introduced by: ???

Self as a feature bundle: Unraveling the mechanisms underlying self-representation

11:45 **Dr. Nathaniel Virgo**, introduced by representative of group of: Verena Hafner

Information Geometry of Action Planning as Inference

12:00 Lunch

13:30 **Erica McGale**

Talk on Gender Diversity and Equality

14:15 **Dr Felix Putze & Prof. Ben Godde**, introduced by representative of group of: Dr. Stefan Zachow

PALMS: Plasticity of the minimal self in Aging – First results

14:30 **M.Sc. Tuo Liu**, introduced by: Dr. Ezgi Kayhan

On the malleability of gender identity following the enfacement illusion

14:45 **Cancelled: Dr. Robin Bekrater-Bodmann**, introduced by representative of group of: Prof. Bernhard Hommel

Prosthesis-phantom interaction and prosthesis embodiment in lower limb amputees

15:00 Coffee break

15:45 **Poster Session 2**

(Projects 12 to 21 as mentioned on www.activeself.de)

17:45 Finish

19:30 **Dinner at: Restaurant Wiesenmuehle Self paid**



Sunday March 1st

09:00 **M.Sc. Kim Yasmin Georgie**, introduced by representative of group of: Prof. Dr. Nihat Ay

Prerequisites for the Development of an Artificial Self

09:15 **Dr. Manfred Eppe**, introduced by representative of group of: Dr. Laura Kaltwasser & Dr. Martin Voss

Transferable hierarchical state representations for embodied problem-solving

09:30 **Prof. Gregor Schöner**, introduced by representative of group of: Prof. Karl Theodor Kalveram & Prof. Mario Kupnik

Neural dynamic concepts for intentional systems

09:45 **M.Sc. Tim Moeller**, introduced by representative of group of: Dr. Manfred Eppe & Prof. Stefan Wermter

Progress report on functional aspects of the minimal self - the case of schizophrenia

10:00 Coffee break

10:45 **M.Sc. Martin Grewe**, introduced by: Prof. Dr. Benjamin Godde, Dr. Dennis Küster & Dr. Felix Putze

Animation and Manipulation of Virtual Avatars with Statistical Face Models

11:00 **M.Sc. Niklas Schäfer**, introduced by representative of group of: Prof. Dr. Gregor Schöner

Wearable Vibrotactile Interface Using Phantom Tactile Sensation for Human-Robot Interaction.

11:15 **Plenary and closing statements / announcements, 45 min max.**

12:00 Finish