

SFB-TRR 135 - Retreat
Mon 18 – Thu 21 July, 2022
Rauschholzhausen Castle
Schlosspark 1, 35085 Ebsdorfergrund

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Monday, July 18th

Time

15:30 *Arrival and check-in, coffee and reception*

17:00 Lars Muckli (Glasgow): Visual predictions in different layers of cortex

18:00 *Free time for interaction and discussion*

18:30 *Dinner*

20:00 *Happy hours*

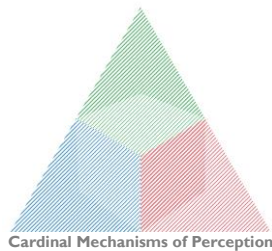
Tuesday, July 19th

Time

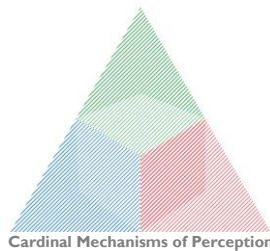
9:00 Eli Brenner (Amsterdam): The visual control of goal-directed arm movements

10:00 Alexander Göttker (Giessen, AI): Predictive eye movements for naturalistic stimuli

10:30 *Coffee Break*

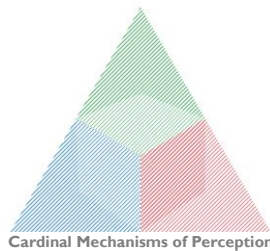


- 11:00 Daniel Kaiser (Giessen, AI0): Predictability and Prediction in Natural Vision
- 11:30 Dimitris Voudouris & B. Ezgi Arıkan (Giessen, A4): The role of efference copy mechanism in tactile suppression
- 12:00 Michaela Jeschke (Giessen, A5): How prior visual info affects exploratory movement direction in texture perception
- 12:30 *Lunch*
- 14:00 Yukie Nagai (Tokyo): Predictive brain and its disorders: A computational approach to understanding early cognitive development
- 15:00 Poster session I (*List of posters below*)
Coffee will be served throughout the poster session
- 17:00 Marisa Carrasco (New York): Dissociating presaccadic attention from covert attention [VIA ZOOM]
- 18:00 *Free time for interaction and discussion*
- 18:30 *Dinner*
- 20:00 Young Pro event
–21:00
- Evening *Discussion and drinks*



Wednesday, July 20th

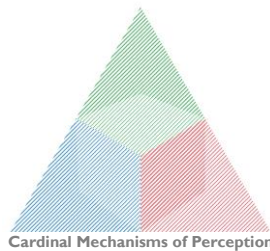
Time	
9:00	Greg Zelinsky (New York): Predicting goal-directed attention control using inverse-reinforcement learning
10:00	Ilja Wagner (Marburg, B2): Trade-off between informational value and search costs for visual and manual search
10:30	<i>Coffee break</i>
11:00	Wolfgang Einhaeuser-Treyer (Chemnitz, B5): Probing gaze-gait interactions during walking through a realistic virtual reality
11:30	Lisa Maurer (Giessen, B6): Conscious access to outcome prediction of motor actions
12:00	Huseyin Boyaci (Giessen, B8): Expectations about material dynamics affect the speed of perceptual decisions [VIA ZOOM]
12:30	<i>Lunch</i>
14:00	Miguel Eckstein (Santa Barbara): Visual Search: Differences between your brain and deep neural networks
15:00	Poster session II (<i>List of posters below</i>) <i>Coffee will be served throughout the poster session</i>
17:00	Shu-Chen Li (Dresden): Expectancy modulation of perception: Insights from lifespan Research and implications for human-machine interactions
18:00	<i>Free time for interaction and discussion</i>
18:30	<i>Dinner</i>
20:00	Equal opportunity event
-21.00	
Evening	<i>Discussion and drinks</i>



Thursday, July 21st

Time

- 9:00 Jim Todd (Ohio State): The perception of 3D shape and material properties from image shading
- 10:00 Henning Tiedemann (Giessen, C1): One-shot learning in humans revealed by a drawing task
- 10:30 *Coffee break*
- 11:00 Ben de Haas (Giessen, C9): Are individual differences in face gaze domain specific?
- 11:30 Martin Hebart (Leipzig): Revealing the core dimensions underlying mental representations of objects
- 12:30 *Lunch*
- Departure*



Poster session I

Tuesday, July 19th, 15.00

- Doris Braun (Giessen, A1): Splash: Eye movements during unexpected material behaviors
Avi Aizenman (Giessen, A1): Oculomotor routines
Sadra Fathkhani (Marburg, A1): Smooth pursuit with and without context in monkeys
Benjamin Straube (Marburg, A3): The timing of neural processing in the action-perception cycle
Fabian Wachsmann (Giessen, A4): Tactile suppression and predictive mechanisms in stance retention as response to visual perturbations
Anna Schubö (Marburg, B3): Prior selections determine where we attend
Denise Lockhofen (Giessen, B7): Neurochemical effects on reward-related attentional processing in the EEG
Lisa Lin (Giessen, B8): Active explorations in visual material perception
Guido Maiello (Giessen, C1): Measuring and modeling human visually guided grasping
Gloria Gehb (Giessen, C3): Crawlers are more sensitive to fearful faces than non-crawlers
Aylin Kallmayer (Frankfurt, C7): Investigating generated scene information at different visual processing stages
Bianca van Kemenade (Marburg): Sensory predictions about self- vs externally generated visual stimuli in early visual cortex

Poster session II

Wednesday, July 20th, 15.00

- Jakob Schwenk (Marburg, A1): Reference frames of space encoding in monkey parietal cortex
B. Ezgi Arikian (Giessen, A4): Judgments of agency and simultaneity following sensorimotor temporal recalibration
Dimitris Voudouris (Giessen, A4): How visual feedback reliability during reaching tunes tactile suppression?
Gudrun Schwarzer (Giessen, A7): Predictive visual-spatial abilities and motor skills beyond infancy
Ying Yu (Giessen, B8): Shape constancy from stereo and image shading
Aimee Martin (Giessen, C2): Attentional effects on color categories
Neda Meibodi (Marburg, C6): Attention and sequential actions
Maxim Spur (Frankfurt, C7): Implementing and learning artificial scene grammar in virtual reality
Mareike Grotheer (Marburg, C10): Both mOTS-words and pOTS-words prefer emoji stimuli over text stimuli during a reading task