



SFB Retreat 08.09.-11.09.2025

	Sep 08	Sep 09	Sep 10	Sep 11
	Monday	Tuesday	Wednesday	Thursday
9:00 AM		Session host: Katja Fiehler Keynote Cristina de la Malla (Barcelona) Temporal dynamics of visual processing during fixation	Session host: Bianca van Kemenade Kaiser, Duymaz, Engesser (A9) Adventures in EEG decoding with dynamic natural stimuli Schütz (B2) Perception of perisaccadic object changes	Session host: Gudrun Schwarzer Keynote Felix Wichmann (Tübingen) <i>Object recognition: Robustness, development and models</i>
10:00 AM		Götiker, Schröger, Gegenfurtner, Aizenmann (A1) Eye Movements in naturalistic Contexts	Brand, Maurer, Hegele, Schütz, Müller, Maurer (B6,B2) Gaze control through sensorimotor prediction	Schmidt, Fleming (C1) Material perception in context
10:30 AM		coffee break		
11:00 AM		van Kemenade, Yıldız, Krause, Bogdanova, Muckli (A10) The effect of action on neural activity: cancellation, pre-activation, or sharpening?	de Haas, Demirkan (C9) Where you look is what you get - individual differences in face fixations and perception	Markov, V6 (C7) How context shapes object perception and memory
11:30 AM		Endres, Hegele, Leh, Knopp (C6) Dancing through the uncanny valley: on the likeability of complex, artificially generated movements	Dörschner, Braun, Hofmann, Braner (B8,A1) Being K. Malevich: A hands-on approach to compositional preference	Dalski, Schulz, Klaes, Pirsch, Meinhart, Ukaj, Cetin, Aguilera, Faßbender, Schwarzer, Grill-Spector, Grotheer (C10) A preference for linguistic processing precedes the preference for word forms in mOTS-words during development
12:00 PM		SFB/TRR 135 GREATEST HITS (Prediction)	SFB/TRR 135 GREATEST HITS (Valuation)	SFB/TRR 135 GREATEST HITS (Categorization)
12:30 PM		Lunch	Lunch	Lunch
2:00 PM		Keynote Martin Rolfs (Berlin) Sensory consequences of visual actions (Moderator: Alexander Schütz)	Keynote Reuben Rideaux (Sydney) Using generative modelling to reveal the brain's hidden code (Moderator: Roland Fleming)	Departure
3:00 PM	Arrival and check-in, coffee and reception			
5:00 PM	Keynote Kathryn Bonnen (Indiana) Vision and walking in complex environments (Moderator: Karl Gegenfurtner)	Poster session I	Poster session II	
6:00 PM				
6:30 PM	Dinner	Dinner	Dinner	
8:00 PM	Free time for interaction and discussion	Free time for interaction and discussion	Free time for interaction and discussion	

POSTER SESSION I (Tuesday September 9, 15:00 - 18:00)

- 1 Sadra Fathkhani, Bahareh Taghizadeh, Andre Kaminiarz and Frank Bremmer
- 2 Yanina Tena Garcia, Dominik Endres, Katja Fiehler
- 3 Michaela Jeschke, Elena Azañón, Knut Drewing
- 4 Tharanirakshita Asokan, Anna Grab, Bianca Jovanovic, Rahel Schuler, Jan de Laffolie, Gudrun Schwarzer
- 5 Renate Reisenegger, Frank Bremmer
- 6 Parishad Bromandnia, JanTünnermann and Anna Schubö
- 7 Patricia Müller, Wolfgang Einhäuser
- 8 Sophie Meißner, Jochen Miksch, Sascha Feder, Sabine Grimm, Wolfgang Einhäuser, Jutta Billino
- 9 Lea Junge-Bornholt, Mathias Hegele, Hermann Müller, Heiko Maurer, Lisa Maurer
- 10 Ranjan Debnath, Denise Lockhofen, Nils Hübner, Lucia Arnold, Marit Girts, Christoph Mulert
- 11 Amna Malik, Jutta Billino and Katja Doerschner
- 12 Doris Braun, Karl Gegenfurtner
- 13 Nikol Tsenkova, Gudrun Schwarzer, Daniela Bahn, Christina Kauschke
- 14 Elahéh Akbari, Dr Katharina Dobs
- 15 Patrik Polgári, Alexander Schütz
- 16 Nick Augustat, Stefan Lenze, Tobias Ortwein, Ortrun Brand, Bernd Nicklas, Dominik Endres

- A1 Effect of reward scheme on predictive saccade behaviour.
- A4 & C6 Empirical test of ideal observer models of individual and ensemble spatial processing
- A5 The relationship between skin properties, tactile abilities, and the distance adaptation-aftereffect
- A7 Development of Visuospatial Prediction Abilities and Motor Skills in Preterm and Full-Term Infants
- A2 Mismatch Negativity and the Just Noticeable Difference in Heading Perception
- B3 Search Memory in Action: Eye-Tracking Evidence From the MLO Paradigm
- B5 Confidence about correct decisions is increased at the saccade target
- B5 Age-Related Differences in Gaze Distribution During Locomotion: Balancing Safety and Exploration in Real and Virtual Environments
- B6 Ahead of the game: How experts predict motor actions and what factors make the difference
- B7 Gamma-tACS over the occipital area during reward-related attentional processing modulates spectral power and functional connectivity
- B8 Cross-modal Expectations in Material Perception
- C2 & A1 Eye movements of color deficient observers
- C3 Infants' associations between basic-level categories of facial expressions and superordinate music emotional valences
- C9 Distinct computational mechanisms underlying holistic processing of faces and non-face objects
- B2 Adapting saccades backwards and forwards: Do opposites interact?
- INF The DataHub: Your Gateway to Effective and Efficient High-Performance Computing in Psychology and Neuroscience Research

POSTER SESSION II (Wednesday September 10, 15:00 - 18:00)

- 1 Bahareh Taghizadeh, Bahareh Taghizadeh, Sadra Fathkhani, Andre Kaminiarz, Frank Bremmer
- 2 Gizem Yıldız, Bianca van Kemenade
- 3 Didem Katircilar, Roland Bennewitz, Knut Drewing
- 4 Anjuscha Lüthgen, Gudrun Schwarzer, Bianca Jovanovic
- 5 Benjamin Straube, Kircher, Ody, Ar Rashid, He, Schmitter
- 6 Fabian Wachsmann, Katja Fiehler, Dimitris Voudouris
- 7 Neda Meibodi, Ali Kachour, Anna Schubö, Dominik Endres
- 8 Sabine Grimm, Jutta Billino, Sophie Meissner, Wolfgang Einhäuser
- 9 Denise Lockhofen, Nils Hübner, Ranjan Debnath, Karl Philipp Rumpf, Michael Sander, Matthias Wolff, Daniel Luxi, Lukas Roller, Christoph Mulert
- 10 Nils Hübner, Denise Lockhofen, Ranjan Debnath, Christoph Mulert
- 11 Sizhu Han, Sizhu Han, Aylin A. Hanne, and Anna Schubö
- 12 Tonghe Zhuang, Laura M. Stoinski, Ming Zhou, Marie St-Laurent, Robert Satzger, Martin N. Hebart
- 13 Hilal Nizamoglu, Prof. Katharina Dobs
- 14 Dilara Deniz Türk, Daniela Bahn, Christina Kauschke, Melissa Vö
- 15 Emily J. A-Izzeddin, Filipp Schmidt, Roland W. Fleming
- 16 Alexander Schütz, Karl Gegenfurtner

- A1 Activity in the Lateral Intraparietal Cortex (LIP) during predictive saccade
- A10 How action-predictions affect neural processing within stimulated and non-stimulated regions in the early visual cortex
- A5 A Role for Finger Properties in Exploration and Perception of Softness
- A7 How Context influences Children's Action Planning
- A3 Predictive perception: Multisensory consequences of one's own actions
- A4 Tactile Modulation in the Lower Limb During Complex and Naturalistic Postural-Motor Demands.
- B3 & C6 Interaction of Selection History and Object Identity in Guiding Visual Attention
- B5 Gaze control during walking: a lifespan perspective
- B7 Glutamatergic mechanisms in early salience processing
- B7 Neurophysiological correlates of visual attention processes as a function of reward in connection with schizotypy
- B3 Neural evidence for feature-based distractor inhibition
- C11 Comparing the multidimensional neural representations of object words and object images
- C9 Features underlying the representation of dynamic face perception
- C3 & C7 Development of Scene Grammar
- C1 Characterising the statistical image properties of the STUFF dataset
- B2 & A1 Confidence intervals for within-subjects designs