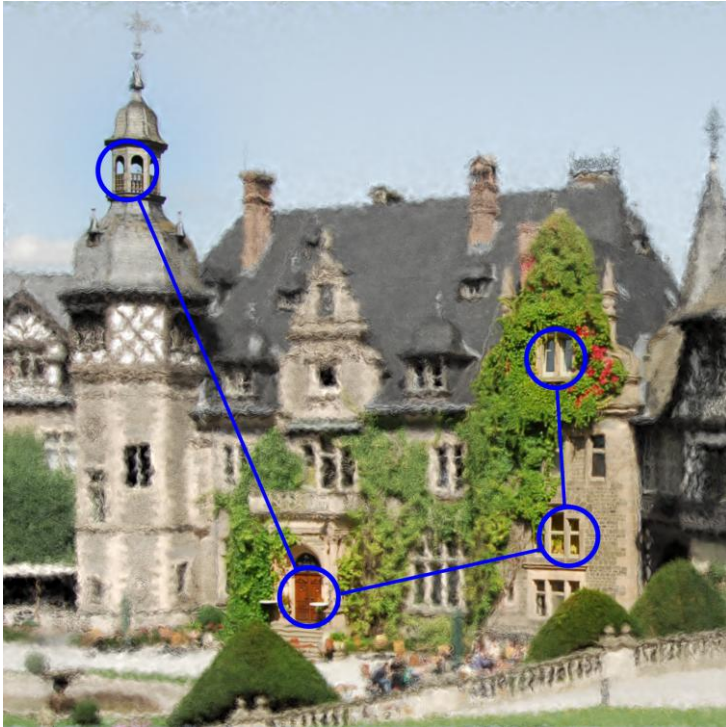


# From Peripheral to Transsaccadic and Foveal Perception



**14. - 16. August 2019, Rauschholzhausen**

**Organizers: Matteo Valsecchi & Alexander Schütz**



DFG collaborative research center:  
Cardinal mechanisms of perception



ERC starting grant:  
Calibration and integration of peripheral and foveal information

## Wednesday afternoon

- 12:30 Lunch
- 14:30 **Bilge Sayim** (Lille; Bern)  
Appearance and Performance in Peripheral Vision
- 15:15 **Matteo Valsecchi** (Gießen)  
Sources of information for the construction of peripheral appearance
- 16:00 Coffee break
- 16:30 **Arvid Herwig** (Bielefeld)  
Transsaccadic learning and visual feature prediction
- 17:15 **Zhaoping Li** (Tübingen)  
The central-peripheral dichotomy in top-down feedback from higher to lower visual cortical areas for visual perception
- 18:30 Dinner
- 19:30 **Posters**

## Thursday morning

- 09:00 **Alexander Schütz** (Marburg)  
Weighting and integrating peripheral and foveal information
- 09:45 **Stefan van der Stigchel** (Utrecht)  
The time-course of spatiotopic updating across saccades
- 10:30 Coffee break
- 11:00 **David Melcher** (Trento)  
Strong and early effects of a peripheral preview in trans-saccadic face perception
- 11:45 **Martin Rolfs** (Berlin)  
The role of intra-saccadic information in active vision
- 12:30 Lunch

## Thursday afternoon

- 14:30 **Paola Binda** (Pisa)  
Transsaccadic integration, perisaccadic compression: building visual space with and without landmarks
- 15:15 **Fred Hamker** (Chemnitz)  
Neuro-computational models of spatial updating
- 16:00 Coffee break
- 16:30 **James Bisley** (UCLA)  
Remapping, perception and inhibitory tagging: a tale of two areas
- 17:15 **Eckart Zimmermann** (Düsseldorf)  
Context modulates saccade suppression and saccade amplitudes
- 18:30 Dinner
- 19:30 **Posters**

## Friday morning

- 09:00 **Ruth Rosenholtz** (MIT)  
Piecing together multiple views to solve a maze
- 09:45 **Preeti Verghese** (Smith-Kettlewell Eye Research Institute)  
The efficiency of saccades with and without intact visual fields
- 10:30 Coffee break
- 11:00 **Antje Nuthmann** (Kiel)  
Real-world scene perception and search from foveal to peripheral vision
- 11:45 **Casimir Ludwig** (Bristol)  
The interplay between foveal analysis and peripheral target selection in fixation control
- 12:30 Lunch

## Posters

<b>Cao, Liyu</b> (Würzburg)	Visual target discrimination during walking and standing
<b>De Haas, Ben</b> (Gießen)	Individual differences in visual salience vary along semantic dimensions
<b>Dimigen, Olaf</b> (Berlin)	Brain-electric correlates of the trans-saccadic preview benefit in scalp EEG: A mini-review
<b>Grzeczowski, Lukasz</b> (München)	Assessing trans-saccadic memory of orientation and form
<b>Kroell, Lisa</b> (Berlin)	Resource limitations in trans-saccadic integration
<b>Mikellidou, Kyriaki</b> (Cyprus)	Serial dependencies in virtual reality
<b>Nanjappa, Rakesh</b> (New York)	Inhibitory tagging of previously-foveated locations in the superior colliculus during visual search
<b>Paeye, Céline</b> (Paris)	Calibration of peripheral perception: A blocking paradigm that highlights generalization
<b>Stewart, Emma</b> (Marburg)	The relationship between fixations and perceptual confidence
<b>Tomou, George</b> (Toronto)	Impact of Allocentric Cues on Transsaccadic Integration of Multiple Objects
<b>Toscani, Matteo</b> (Gießen)	Under-confidence in peripheral vision
<b>Tünnermann, Jan</b> (Marburg)	A Model-based Perspective on Transsaccadic Foraging
<b>Veto, Peter</b> (Ulm)	Duration estimation in the visual periphery
<b>Wagner, Ilja</b> (Marburg)	Saccadic adaptation to temporarily delayed stimuli