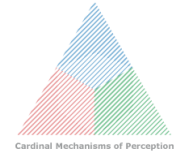




# New Perspectives in Ageing Research: Towards an Integration of Methods and Modalities

4-5 December 2014, Justus Liebig University Giessen

Venue: Kongresshalle Giessen, Versaille Zimmer



## Thursday, Dec 4th, 2014

- 09.00am Welcome
- 09.15am Using visuomotor control to study complex ageing processes  
*Jutta Billino, Justus Liebig University Giessen*
- 10.00am Visual motion perception in healthy ageing  
*Karin Pilz, University of Aberdeen*
- 10.45am Coffee Break
- 11.15am Aging and haptics: an aid for the visually impaired?  
*Krista Overvliet, VU University of Amsterdam*
- 12.00pm *Developing Perspectives*
- 01.00pm Lunch at Dachcafé
- 02.30pm Integrating brain and behaviour in ageing populations using Structural Equation Modelling: Theory and applications  
*Rogier Kievit, Cambridge Centre for Ageing and Neuroscience*
- 03.15pm Spatial navigation – a unique window into mechanisms of cognitive ageing?  
*Thomas Wolbers, Otto von Guericke University Magdeburg*
- 04.00pm Coffee Break
- 04.30pm Lost in state space: Age-related deficits in goal-directed learning and decision-making  
*Ben Eppinger, Technical University Dresden*
- 05.15pm *Developing Perspectives*
- 06.15pm End of first workshop day
- 19.00pm Dinner at Tandreas

## Friday, Dec 5th, 2014

- 09.00am Moment-to-moment brain signal variability and dynamics: Leveraging noise as signal in the study of human aging and cognition  
*Doug Garrett, Lifespan Neural Dynamics Group, MPI Berlin & UCL*
- 09.45am Human white matter development and aging modeled with quantitative MRI  
*Aviv Mezer, The Hebrew University of Jerusalem*
- 10.30am Coffee break
- 10.45am Age-related changes in brain activation associated with multilimb movement control  
*Stephan Swinnen, KU Leuven*
- 11.30am *Developing Perspectives*
- 12.30pm Lunch at Dachcafé
- 02.00pm The aging mind in small motion - a window into age-related changes in sensorimotor learning  
*Mathias Hegele, Justus Liebig University Giessen*
- 02.45pm Adaptation and sensory integration in young and older adults' postural control  
*Mihalis Doumas, Queen's University Belfast*
- 03.30pm Final discussion
- 04.00pm Farewell