



Nicolas D. Lutz

PhD Student

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Research

Learning and memory is not only one of the most fascinating but also one of the most important phenomena of life. Without the ability of acquiring new information, consolidating and recalling memories, we would not be able to interact with an ever-changing world. In my thesis, I investigate whether consolidation during sleep selectively supports prospective aspects of memory. Using behavioral approaches, EEG and fMRI, I test whether sleep serves to process visual perceptual memories such as to predict future events and to adapt future behavior.

since 2013	PhD Student, Institute of Medical Psychology and Behavioral Neurobiology, Graduate Training Centre of Neuroscience / IMPRS for Cognitive & Systems Neuroscience, Eberhard Karls University of Tübingen, Germany
2011	Student Research Assistant, Zoological Institute, Department of Cell and Neurobiology, Karlsruhe Institute of Technology (KIT), Germany
2010	Student Research Assistant, Zoological Institute, Department for Cell and Developmental Biology, Karlsruhe Institute of Technology (KIT), Germany

Teaching

since 2015	Seminar on Visual Perception for Medical Students, Eberhard Karls University of Tübingen, Germany
2010	Tutor in Animal Physiology, Karlsruhe Institute of Technology (KIT), Germany

Education

2011-2013	M.Sc. in Interdisciplinary Neuroscience, Johann Wolfgang Goethe University Frankfurt am Main, Germany
2008-2011	B.Sc. in Biology, Karlsruhe Institute of Technology (KIT), Germany

Awards

2015	'FENS, The Brain Prize and IBRO-PERC' travel award
2011	Bachelor of Science in Biology 2011 with distinction