

Jonas Knöll

Education and positions

Research Scientist	University of Texas at Austin, USA <i>Advisor: Prof. A. C. Huk</i>	2/2016 - present
Postdoctoral DFG Research Fellowship	University of Texas at Austin, USA <i>Advisors: Prof. A. C. Huk, Prof. J. W. Pillow</i>	2/2014 - 1/2016
Parental Leave		8/2013 - 12/2013
Visiting Assistant Professor, Dpt. Neurophysics (<i>Vertretungsprofessur W1</i>)	Philipps-University Marburg, DE <i>Advisors: Prof. F. Bremmer, Prof. B. Krekelberg</i>	10/2012 - 7/2013
Dr. rer. nat. (Ph.D Equivalent)	Philipps-University Marburg, DE <i>Advisors: Prof. F. Bremmer, Prof. B. Krekelberg</i>	9/27/2012
	<i>"Spatio-temporal representations during eye movements and their neuronal correlates"</i>	
Physik Diplom (Physics master's equivalent)	Philipps-University Marburg, DE <i>Advisor: Prof. F. Bremmer</i>	8/21/2007
	<i>"Spatio-temporal representations during eye movements"</i>	
A-levels (British high school diploma equivalent)	Shrewsbury School, Shrewsbury, UK <i>Physics, Math, German, Chemistry, Electronics[AS]</i>	8/2001

Research visits

Prof. M. Concetta Morrone	CNR Pisa, IT	09/2011
Prof. Bart Krekelberg	Rutgers University, NJ, USA	08/2009 - 12/2009

Awards

Poster Award: Tübinger Wahrnehmungs Konferenz (TWK) 2007

Supervision

Diplom (3), Master (1), Bachelor (1) *completed*

Teaching Experience

Lectures	Philipps-University Marburg, DE	
<i>Introduction to Physics I:</i>		2012 - 1/2013
<i>for students of pharmacy, dental medicine and human biology (13 2 hour lectures)</i>		
<i>Complex Neural Networks (25%; Part: from retina to cortex)</i>		10/27/2011 - 10/11/2011
<i>Complex Neural Networks (0.5 Days; Part: Sensorimotor integration)</i>		2/5/2008
Practical Courses	Philipps-University Marburg, DE	
<i>Experimental physics</i>		2003 - 2013

Publications

Knöll, J., Morrone, M. C., & Bremmer, F. (2012). Spatio-temporal topography of saccadic overestimation of time	Vision Research, 83, 56-65
Knöll, J., Binda, P., Morrone, M. C., & Bremmer, F. (2011). Spatiotemporal profile of peri-saccadic contrast sensitivity	Journal of vision, 11(14), 15:1-12
Blanke, M., Harsch, L., Knöll, J., & Bremmer, F. (2010). Spatial perception during pursuit initiation	Vision research, 50(24), 2714-20
Königs, K., Knöll, J., & Bremmer, F. (2007). Localisation of auditory targets during optokinetic nystagmus	Perception, 36(10), 1507-1512

Selected conference contributions

Talks		
<i>IRTG - BrainAct, Philipps-University Marburg, DE</i>		2014
	<i>Visual motion processing during continuous naturalistic behaviors</i>	
<i>VSS</i>	<i>Saccadic suppression comprises an active binocular mechanism</i>	2013
<i>Neural Coding of Space and Time, Italy</i>		2008
	<i>Spatio-temporal topography of saccadic suppression</i>	
Posters		
<i>SFN</i>	<i>Visual motion processing during continuous naturalistic behaviors</i>	2015
<i>SFN</i>	<i>Saccadic suppression not determined by physical speed of stimulated eye</i>	2013
<i>ECVP</i>	<i>Saccadic suppression during monocular visual stimulation</i>	2013
<i>VSS</i>	<i>Spatio-temporal topography of saccade-induced chronostasis</i>	2011
<i>VSS</i>	<i>Spatial aspects of perisaccadic chronostasis</i>	2009
<i>VSS</i>	<i>Spatio-temporal topography of saccadic suppression</i>	2008
<i>TWK</i>	<i>Topography of Temporal Misperception During Saccadic Eye Movements</i>	2007

Courses and Workshops

Workshops		
Natural Environments Tasks&Intelligence (NETI)	Austin, TX, USA	2016
Natural Environments Tasks&Intelligence (NETI)	Austin, TX, USA	2014
Summerschool "Visual Neuroscience"	Gießen-Rauischholzhausen, DE	2010
Workshop "Cognitive Development"	Gießen-Rauischholzhausen, DE	2009
Workshop "Cue combination"	Gießen-Rauischholzhausen, DE	2008
Summerschool "Computational Neuroscience"	Justus-Liebig University Gießen, DE	2008
Workshop "Memory"	Marburg, DE	2008
Springschool "fMRI in psychological research"	Justus-Liebig University Gießen, DE	2008
Autumnschool "Sensory-Motor-Processing"	Wildbad Kreuth, DE	2007