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Curriculum vitae

- since 2011 Head, Berlin Center for Advanced Neuroimaging
- since 2006 Professor, Theory and Analysis of Large Scale Brain Signals, Bernstein Center for Computational Neuroscience and Charité
- 2005 – 2006 Group leader, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig
- 2003 – 2005 Postdoc, Institute for Cognitive Neuroscience and Wellcome Department of Imaging Neuroscience, University College, London
- 2003 PhD, “The role of primary visual cortex in visual awareness”, University of Bremen, (summa cum laude)
- 2001 – 2003 Visiting research fellow, Institute for Cognitive Neuroscience and Wellcome Department of Imaging Neuroscience, University College, London
- 2001 – 2003 Researcher, Institute of Neuroscience, Plymouth
- 2001 – 2001 Postgraduate researcher, Institute for Neuropsychology and Behavioral Neurology, University of Bremen
- 1999 – 2001 Postgraduate researcher, Hanse Institute for Advanced Studies, Delmenhorst
- 1997 – 2000 Postgraduate researcher, Institute for Psychology and Cognition Research, University of Bremen
- 1996 Diploma, Psychology, University of Bremen

Research fields

Our group is active in the field of functional neuro-imaging and cognitive neuroscience:

- Functional neuro-imaging of the human brain
- Multivariate decoding and information-theoretic analysis of cortical processing
- Cognitive modulation of functional and effective brain connectivity
- Neural basis of conscious and unconscious information processing
- Encoding of action plans in prefrontal cortex
- Decoding of disease and automated diagnostics

Activities in the scientific community, honors, awards

- 2006 – 2010 Board member, Association for the Scientific Study of Consciousness
- 2000 – 2002 Executive Committee, Interdisciplinary College, Gönne
- 1999 – 2001 Coordinator, research network, NeuroNord

Selected publications

Martin, M, Hackmack, K, Pfüller, C, Bellmann-Strobl, J, Paul, F, Zipp, F and Haynes, JD. MRI pattern recognition in multiple sclerosis normal-appearing brain areas. PLoS One. 2011; (in press).

Kahnt, T, Grueschow, M, Speck, O and Haynes, JD. Perceptual learning and decision-making in human medial frontal cortex. Neuron. 2011; 70, 549-59.

Tusche, A, Bode, S and Haynes, JD, Neural responses to unattended products predict later consumer choices. J Neurosci. 2010; 30, 8024-31.

Kahnt, T, Heinzle, J, Park, SQ and Haynes, JD. The neural code of reward anticipation in human orbitofrontal cortex. Proc Natl Acad Sci U S A. 2010; 107, 6010-5.

Howard, JD, Plailly, J, Grueschow, M, Haynes, JD and Gottfried, JA. Odor quality coding and categorization in human posterior piriform cortex. Nat Neurosci. 2009; 12, 932-8.

Soon, CS, Brass, M, Heinze, HJ and Haynes, JD. Unconscious determinants of free decisions in the human brain. Nat Neurosci. 2008; 11, 543-5.

Weil, RS, Kilner, JM, Haynes, JD and Rees, G. Neural correlates of perceptual filling-in of an artificial scotoma in humans. Proc Natl Acad Sci U S A. 2007; 104, 5211-6.

Haynes, JD, Sakai, K, Rees, G, Gilbert, S, Frith, C and Passingham, RE. Reading hidden intentions in the human brain. Curr Biol. 2007; 17, 323-8.

Haynes, JD and Rees, G. Decoding mental states from brain activity in humans. Nat Rev Neurosci. 2006; 7, 523-34.

Haynes, JD and Rees, G. Predicting the orientation of invisible stimuli from activity in human primary visual cortex. Nat Neurosci. 2005; 8, 686-91.