

Ninja Katja Horr

Doctoral Researcher

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About

Title of PhD: Temporal Characteristics of Audiovisual Integration

Supervisors: [Dr Massimiliano Di Luca \(/staff/profiles/psychology/diluca-massimiliano.aspx\)](/staff/profiles/psychology/diluca-massimiliano.aspx), [Professor Uta Noppeney \(/staff/profiles/psychology/noppeney-uta.aspx\)](/staff/profiles/psychology/noppeney-uta.aspx)

Ninja Katja Horr is undertaking her doctoral research into the temporal characteristics of audiovisual perception. Using psychophysics, computational modeling and EEG she investigates how the brain integrates information from different perceptual streams and accumulates those over time.

Qualifications

B.Sc. Psychology, University of Heidelberg
M.Sc. Neuroscience, International Max Planck Research School

Biography

Ninja Katja Horr has conducted her undergraduate studies in Psychology at the University of Heidelberg, Germany. She received her Masters Degree in Neural and Behavioural Sciences from the International Max Planck Research School in Tuebingen, Germany. In Tuebingen she has worked under the supervision of Dr Kirsten Volz and Professor Christoph Braun in the Centre for Integrative Neuroscience investigating temporal dynamics of intuitive judgements with MEG. She furthermore has worked in the research group of Professor Boris Kotchoubey at the Institute for Medical Psychology and Behavioural Neurobiology on the development of an EEG-based paradigm to assess cognitive functions in low- and non-responsive patients.

Research

Research interests

Ninja Katja Horr's research interests focus on neural mechanism of human perception. She is interested in the question of how the brain is able to create a coherent representation of the world from multiple on the first glance unconnected sensory input signals, especially the role of temporal information in this integration process.

Publications

Horr, N. K., Braun, C., & Volz, K.G. (March 2013). Intuitive Decisional Processes in Visual and Semantic Coherence Judgements, *55th Conference of Experimental Psychologists (TeaP 2013)*, Vienna, Austria.

Horr, N. K., Braun, C., & Volz, K. G. (November 2012). Intuitive Decisional Processes in a Visual Discovery Task - An MEG Study, *13th Conference of the Junior Neuroscientists of Tuebingen (NeNA 2012)*, Schramberg, Germany.