CONTACT INFORMATION	Address	Max Planck Institute for Dynamics and Self-Organization Department of Nonlinear Dynamics Am Faßberg 17 37077 Göttingen Germany
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PERSONAL INFORMATION	Date of birth	October 26, 1976
	Place of birth	Sinsheim, Germany
	Nationality	German
	Marital status	Married to Jasmin Reichl
	Children	Daughter Emily

RESEARCH INTERSTS	Theoretical Neuroscience (Models of visual cortical development) Developmental Biology (Morphogenesis in the Drosophila embryo, Dynamics of cell contacts, Large-scale image analysis) Physics (Stochastic processes, Pattern formation, Nonlinear dynamics)

EDUCATION	Dr. rer. nat. (magna cum laude) University of Göttingen Thesis: *Symmetry Breaking and Pattern Selection in Models of Visual Development*	18.5.2010
	Doctorial studies at Institute for Nonlinear Dynamics, *University of Göttingen*	4/2005 – 5/2010
	Diploma in Physics Institute of Theoretical Physics University of Heidelberg Thesis: *Composite gauge fields and localization in extra dimensions*	12/2003
	Abitur Willy-Hellpach-Schule Heidelberg	6/1997

PROFESSIONAL EXPERIENCE	Post-doc at Max Planck Institute for Dynamics and Self-Organization	6/2010 – present
	Researcher at Max Planck Institute for Dynamics and Self-Organization	5/2004-5/2010

PUBLICATIONS

Zhang, Kong, Reichl, Vogt, Wolf, Großhans,
The glucosyltransferase Xiantuan of the endoplasmic reticulum specifically affects
E-Cadherin expression and is required for gastrulation movements in Drosophila,
Developmental Biology 390, 208-220 (2014)

Reichl et al., Coordinated optimization of visual cortical maps
(I) Symmetry-based Analysis, PLOS Comput. Biol. 8, 11 (2012)

Reichl et al., Coordinated optimization of visual cortical maps
(II) Numerical studies, PLOS Comput. Biol. 8, 11 (2012)

Reichl et al., Pinwheel stabilization by ocular dominance segregation,
Phys. Rev. Lett. 102, 208101 (2009)

SKILLS

Languages	Java, C++, R, MATLAB, Python, Mathematica
Applications	ImageJ, LaTeX, Adobe Illustrator
Databases	mySQL
Computing	Parallel Programming (MPI), Netbeans, Kdevelop, Version control (git)
Operating Systems	Linux, Windows

LANGUAGES

German (native)

English (fluent)

French (basic skills)