

# CURRICULUM VITAE

## PERSONAL DATA

Name	Silvia Daun	
born	02.07.1979	
in	Daun, Germany	
Nationality	German	
Address	Institut für Zoologie	Kognitive Neurowissenschaften Institut für Neurowissenschaften und Medizin (INM-3)
	Universität zu Köln	Forschungszentrum Jülich GmbH
	Zülpicher Straße 47b	Gebäude: 15.9
	50674 Köln	52425 Jülich
Telephone	0221 / 470 3829	02461-61-8638
E-Mail	silvia.daun@uni-koeln.de	s.daun@fz-juelich.de

## EDUCATION, RESEARCH AND PROFESSIONAL EXPERIENCE

11/2016	<b>Heisenberg-Professor</b> , Zoolog. Institut, Universität zu Köln
05/2014 - 10/2016	<b>Research Group Leader (DFG-Heisenberg Programme) in Computational Biology</b> , <i>Research Area: Mathematical modeling of inter-leg coordination in multi-legged locomotion</i>
05/2014 - now	<b>Research Group Leader, Computational Neurology</b> , Institut für Neurowissenschaften und Medizin (INM-3), Forschungszentrum Jülich GmbH <i>Research Area: Modeling neural network dynamics underlying motor behavior in health and disease</i>
01/2014	<b>Habilitation in Computational Biology</b> , Universität zu Köln
05/2009 - 04/2014	<b>Emmy-Noether Research Group Leader</b> , Zoolog. Institut, Universität zu Köln <i>Research Area: Mathematical modeling of complex walking systems: neural control of 6-legged locomotion</i>
08/2008 – 04/2009	<b>Independent External Consultant at the University of Pittsburgh Medical Center, USA</b> <i>Research area: Mathematical modeling and analysis of complex biological systems</i>
08/2006 - 07/2008	<b>Postdoctoral Fellow at the University of Pittsburgh, USA</b> <i>Research area: Mathematical modeling of medical systems, dynamical systems, computational neuroscience</i>
05/2006	<b>PhD in Mathematics</b> , Universität zu Köln <i>Thesis in Theoretical Biology on “Modelling, analysis and calculation of cerebral hemodynamics”</i>
08/2003 – 07/2006	<b>Research Associate</b> , Mathematisches Institut, Universität zu Köln
07/2003	<b>Diploma in Mathematics (with honours)</b> , Universität zu Köln
10/1998 - 07/2003	<b>Studies in Mathematics and Chemistry</b> , Universität zu Köln

## AWARDS

07/2015	<b>DFG: Heisenberg-Professorship</b>
2014	<b>DFG: Heisenberg Stipend</b>
2014	<b>Heinz Maier-Leibnitz Award</b>
2012	“AcademiaNet – Expert Database for Outstanding Female Scientists and Scholars”, Robert Bosch Foundation
2010	“Capital”-Magazine: Top 40 list of German Researchers under the age of 40
2009	<b>DFG: Emmy-Noether Stipend</b>
2007	Young Investigator Award, International Conference on Complexity in Acute Illness (ICCAI)
2003	Diploma “with honours”, University of Cologne