

CURRICULUM VITAE

PERSONAL BACKGROUND

Name	Marieke Rohde
Date of Birth	31. August 1979
Place of Birth	Bonn, Germany
Nationality	Deutsch
Work Address	CCNR Department of Informatics University of Sussex Falmer, Brighton BN1 9QG UK
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EDUCATION

Since 10.2004	DPhil in Computer Science and Artificial Intelligence, Centre for Computational Neuroscience and Robotics (CCNR), University of Sussex, UK. Supervisor: Dr. Ezequiel Di Paolo
09.2006 - 01.2007	ERASMUS research stay at the Groupe Suppléance Perceptive (GSP) at the UTC Compiègne, France.
10.2003 - 09.2004	MSc in Evolutionary and Adaptive Systems, University of Sussex, UK. (passed with distinction, first). Thesis: A Hierarchical Modular Neural Control Architecture for the Generation of Handwriting Trajectories. Supervisor: Dr. Ezequiel Di Paolo
10.2000 - 09.2003	BSc in Cognitive Science, University of Osnabrück, Germany. (passed with distinction, grade A).

	Thesis: Dynamical Properties of Self-Regulating Neurons. Supervisor: Prof. Frank Pasemann, InDy, Fraunhofer AIS.
04.2003 - 09.2003	Student research project at the Intelligent Dynamical Systems (InDy) group at the Fraunhofer Institute for Autonomous Intelligent Systems (AIS) in St. Augustin, Germany.
07.2002 - 01.2003	Semester abroad, University of Costa Rica, San Jose, Costa Rica. Course of Studies: Master in Cognitive Science
09.1999 - 07.2000	General Studies ("Studium Generale") at the Leibniz Kolleg, Tübingen, Germany
06.1999	Abitur, Integrierte Gesamtschule Bonn-Beuel, Germany. Grade: 1.2 (best of year)

WORK AND TEACHING

Since 10.2004	Teaching Assistant (TA) at the University of Sussex. Courses taught: <ul style="list-style-type: none"> • Animal and Machine Intelligence (PG seminars): Winter term 2004 and 2005 • Adaptive Systems (UG and PG seminars): Spring term 2005, 2006 and 2007 • Formal Computational Skills (PG lab class): Winter term 2004 • Further Artificial Intelligence (UG Marking): Spring term 2006 • Principles of Programming Languages (UG practice sessions): Summer term 2007 • Introduction to Programming Paradigms (UG lab class): Summer term 2007
Winter term 2004	Attendance of the Associate Tutors' Training Course at the Teaching and Learning Development Unit (TLDU), University of Sussex.
Since 02.2005	Webmaster for the Centre for Computational Neuroscience and Robotics (CCNR), University of Sussex.
02.2006	Taught Unit at the ERASMUS NUCOG Seminar on <i>Cognition, Motivation, and Action</i> 10. - 20.02.2006 in Akureyri, Iceland:

Perception Causes Action Causes Perception: From Sensory Substitution to Situated Robots.

- 02.2003 - 04.2003 Internship at the Mediative Systems (MS) group at the Fraunhofer Institute for Autonomous Intelligent Systems (AIS) in St. Augustin, Germany.
- 04.2003-09.2003 Student researcher at the Intelligent Dynamical Systems (InDy) group at the Fraunhofer Institute for Autonomous Intelligent Systems (AIS) in St. Augustin, Germany.
- 10.2001 - 07.2003 Student Teaching Assistant at the University of Osnabrück, Germany. Courses taught:
- Functional Programming (ML, practice session): Winter term 2001
 - Programming in Logic (Prolog, practice session): Spring terms 2002 and 2003

SKILLS

- Languages German (native), English (native level), Spanish (fluent), French (fluent)
- IT
- Java, Matlab, Prolog, HTML, CSS, Latex (advanced)
 - C, C++, ML, SQL (basic)
 - Areas/methods: Neural networks, physics simulation (ODE), Genetic Algorithms, Artificial Intelligence, Computational Linguistics
- Instruction in Formal Methods Statistics and Experimental Design, Dynamical Systems Theory, Linear Algebra, Calculus, Theoretical Computer Science, Formal Logic
- Other areas of university instruction Theoretical Linguistics, Computational Neuroscience, Neurobiology and Neuroanatomy, Evolutionary Theory, Philosophy (mind, language, epistemology), Cognitive Psychology and Neuropsychology

AWARDS AND GRANTS

- Since 08.2006 Research Assistant on project *Minimal perceptual crossing. A kinaesthetic-tactile feedback experimental platform.* (funded with an internal strategic research fund).

- 10.2004 - 09.2007 Awarded with a three year Teaching Assistantship (Grant and Employment) for doctorate students by the School of Science and Technology, University of Sussex.
- 10.2003 - 09.2004 Awarded with a Scholarship by the EPSRC for the MSc Evolutionary and Adaptive Systems at the University of Sussex.
- 01.2003 MLP-Award for Excellence in Studies, Univ. of Osnabrück.
- 09.2002 - 12.2003 Awarded with a Scholarship by the German Academic Exchange Service (DAAD) for a semester abroad in Costa Rica.

ORGANISATORY INVOLVEMENTS

- 09.2007 Organising committee of the CNRS summer school *Enaction and Cognitive Science*, 06.09.-12.09.2007 in Fréjus, France.
- 09.2004 - 08.2006 Organiser of the Reading Group Dynamical Structures to Understand Real Brains (DyStURB), University of Sussex.
- 02.2005 - 06.2005 Co-organiser of The Cyborg Experiment at the Cheltenham Festival of Science 2005. (Covered in newspaper article by Roger Highfield in the Daily Telegraph, 25.05.2005.)
- 09.2003 Student worker at the EuroCogSci 2003 (European Cognitive Science Conference 2003) in Osnabrück.

CONFERENCES, SCHOOLS AND INVITED TALKS

- 10.2007 Talk at the Developmental Psychobiology group at the UNAM, 05.10.2007 in D.F., Mexico.
- 09.2007 9th European Conference on Artificial life ECAL 2007, 10.-14.09.2007 in Lisbon, Portugal (poster).
- 09.2007 CNRS summer school *Enaction and Cognitive Science*, 06.09.-12.09.2007 in Fréjus, France (Organising committee).
- 04.2007 Talk at the CCNR workshop *Computational Biology, Robotics, and Related Work* University of Sussex, 13.04.2007.

- 03.2007 Workshop on Modelling Autonomy in 22.-23.03.2007 San Sebastian, Basque Country.
- 01.2007 PHITECO Interdisciplinary Cognitive Science Seminar *Interaction and Cognition* , 22.-26.01.2007, Compiègne, France.
- 12.2006 ARCo'06, 6.-8.12.2006 in Bordeaux, France (award winning experimental design submission).
- 12.2006 SAB'06 Workshop on *Behaviour and Mind as a Complex Adaptive System*, Rome, Italy 30.9.2006 (talk).
- 07.2006 50th Anniversary of Artificial Intelligence Summit, Ascona, Switzerland 9.-14.7.2006 (poster).
- 06.2006 CNRS summer school *Constructivism and Enaction: A new paradigm for Cognitive Science*, 29.05.-03.06.2006 Ile d'Oleron, France.
- 02.2006 ERASMUS NUCOG Seminar *Cognition, Motivation, and Action*, 10-20.02.2006 in Akureyri, Iceland (taught unit).
- 01.2006 ERASMUS NUCOG/PHITECO Interdisciplinary Cognitive Science Seminar *Cognition, Motivation, Action* , 20.-30.01.2006, Compiègne, France.
- 12.2005 Talk at the GSP group, Université de Technologie de Compiègne, 05.12.2005 in France.
- 09.2005 8th European Conference on Artificial Life ECAL 2005, 5.-9.9.2005. Canterbury, Kent, UK (talk).
- 06.2005 3rd European Neuro-IT and Neuroengineering School. *Neuroengineering of Cognitive Functions* 18.06.-25.06.2005 in Venice, Italy.
- 03.2005 Workshop on *The Dynamical Systems Approach to Life and Cognition*, University of Sussex, 8 - 9.3.2005 (talk).
- 06.2004 Conference *From Autopoiesis to Neurophenomenology: A Tribute to Francisco Varela* 18.06.-20.06.2004 in Paris, France.
- 03.2004 Interdisciplinary College IK2004 *Body and Motion* 05.-12.03.2004 Günne at Lake Möhne.

- 08.2003 European Cognitive Science Conference 2003 EuroCogSci03 10.-13.09.2003 in Osnabrück, Germany.
- 03.2002 Interdisciplinary College IK2002 *Autonomie und Emotion* 01.-08.03.2002 Günne at Lake Möhne.
- 09.2001 5th Conference of the German Cognitive Science Society GK e.V., KogWis01, 25.-28.09.2001, Leipzig, Germany.
07. - 08.1998 Deutsche SchülerAkademie 1998 (Summer school for gifted and motivated students), Sankt Peter-Ording, Germany. Course 4.3: Thought Experiments.

MISCELLANEOUS

- Since 01.2004 Member of the German Cognitive Science Society (GK e.V.).
- 05.2005 - 08.2006 Organisation of and voluntary teaching at the Tarner Home-work Club, in collaboration with the Asian Women Group and the BMECP.
- 01.2005 - 04.2006 University of Sussex UNICEF Society.
- 04.2001 - 07.2003 Active Member of Student Union, Cognitive Science Department, University of Osnabrück (including student membership in the examination committee and the study committee).
- Sports I started doing Ashtanga yoga in 2005.
Some of the sports I did before:
- Basketball
 - Gymnastics (1991-2000), Bonner Turnverein (BTV 1860)
 - Horse riding (1989-1994, Reiterpass 1993)

Brighton, the 24.07.2007