

CURRICULUM VITAE

PERSONAL BACKGROUND

Name **Ute Schmid**
born January, 24th, 1965 in Günzburg, Bavaria, Germany

Nationality German
married to Uwe Konerding, since July, 25th, 1995
daughter Anna Elise Konerding, born Sept. 21st 2003

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EDUCATION

- 2002** **Habilitation for “Computer Science”** at the Dept. of Electrical Engineering and Computer Science, Technical University Berlin (TUB)
Habilitation thesis: “Inductive Synthesis of Functional Programs – Learning Domain-Specific Control Rules and Abstract Schemes” (submitted May 2001); Board of Reviewers: Prof. Dr. F. Wysotzki (TUB), Prof. Dr. B. Mahr (TUB), Prof. Dr. P. Pepper (TUB), Prof. Jaime Carbonell (Carnegie Mellon University, Pittsburgh, PA, USA)
- 1994** **Dr. rer. nat. (Ph. D.)**, Dept. of Computer Science, TUB (*summa cum laude*)
Ph.D. thesis: “Erwerb rekursiver Programmier Techniken als Induktion von Konzepten und Regeln” (*Acquisition of Recursive Programming Skills as Induction of Concepts and Rules*); Supervisor: Prof. Dr. B. Mahr, Computer Science; Prof. Dr. K. Eyferth, Psychology
- 1989–1994** **Diploma in Computer Science** at TUB
March 1992 Vordiplom (B. Sc.) (Grade 1.2)
Nov. 1994 Diplom (M. Sc.) (Grade 1.0)
Main Subjects: Theoretical Computer Science, Programming Languages, Artificial Intelligence
Diploma Thesis: “Implementation eines kognitiven Modells zum Textverstehen” (*Implementation of a Cognitive Model for Text Comprehension*); Supervisor: Prof. Dr. B. Mahr
- 1984–1989** **Diploma in Psychology** at EWH Landau and TUB
Oct. 1986 Vordiplom (B. Sc.), EWH Landau (Grade 1.0)
(only student to receive best grade in this term)
March 1989 Diplom (M. Sc.), TUB (*sehr gut*, Grade 1.1)
(finished after 9 semesters, standard period: 10 semesters)
Main Subjects: Cognitive Psychology, Empirical Research Methods and Statistics
Diploma Thesis: “Deskription und Analyse komplexer Verhaltenssequenzen: Benutzerstrategien beim Arbeiten mit CAD-Systemen” (*Description and Analysis of Complex Behavioral Sequences: User Strategies in Working with CAD-Systems*); Supervisor: Prof. Dr. A. Upmeyer
- 1984** Abitur, St. Thomas Gymnasium, Wettenhausen, Bavaria, Grade 1.6
(second best of year)

ACADEMIC POSITIONS/TEACHING/RESEARCH PROJECTS

- since Sept./ 2004** **Professor of Applied Computer Science (C3)**
special field “Cognitive Systems”, Department of Information Systems and Applied Computer Science, University of Bamberg
- Aug. 2003 – Aug. 2004** Maternity Leave
- 2001 – 2004** **Akademische Rätin** (“Lecturer”)
Institute of Computer Science, Dept. of Mathematics and Computer Science, Universität Osnabrück,
Associated member of the Institute of Cognitive Science
Research Areas: Inductive program synthesis and applications, control-rule learning, AI planning, analogical problem solving and learning, spatial inference, map learning, cognitive science
Lectures: tutorial “Distributed Systems”; lecture “Informatik B” (Object-oriented programming with Java); lecture “Functional Programming”; lecture “Methods of AI”; seminar courses “AI Planning”, “Cognitive Architectures”; programming lab and seminar “Automatic Programming”
- 2002 Award for “Excellence in Teaching” 2002 of the University of Osnabrück
- 2002 Short-listed (position 2) for the professorship in Applied Computer Science/AI (C3) at the Institute of Computer Science, University of Mainz.
- 2003 Short-listed (position 3) for the professorship in Artificial Intelligence (C3) at the Dept. of Electrical Engineering and Computer Science, Technical University Berlin.
- 2003 Short-listed (position 3) for the professorship in Applied Computer Science/Multimedia Systems (C2) at the University of Applied Science (FHTW) Berlin.
- 2003 Short-listed (position 3) for the professorship in Knowledge-based Systems (C4) at the Dept. of Mathematics and Computer Science, University Osnabrück.
- 2003 Appointment of the professorship in Applied Computer Science/Cognitive Systems (C3) at the University Bamberg.
- 1994–2001** **Wissenschaftliche Assistentin** (“Assistant Professor”)
Dept. of Computer Science, TUB, Group “Methoden der Künstlichen Intelligenz” (*Methods of Artificial Intelligence*, group of Prof. Dr. Fritz Wysotzki)
Research Areas: Inductive Program Synthesis, AI Planning, Problem Solving and Learning by Analogy, Spatial Reasoning, Cognitive Science
Teaching: tutorials for graduate courses: “Foundations of Artificial Intelligence”, “Machine Learning”; tutorials for undergraduate courses: “Search Algorithms and Dynamic Data Structures” (Informatik 3); seminar courses: “Automatic Programming and Skill Acquisition”, “AI and Software Engineering”; organisation and supervision programming lab courses; lectures: “Foundations of Artificial Intelligence” (Problem Solving, Constraints, Deduction, Knowledge Representation, Machine Learning), “AI for Social Scientists”
- 1997–2000 Co-Applicant and -supervisor of the research project “Modellierung von Inferenzen in Mentalen Modellen” (*Modeling Inferences in Mental Models*) with Prof. Dr. Klaus Eyferth and Prof. Dr. Fritz Wysotzki, DFG Priority Program “Spatial Cognition”

- 1998-2000 Research Visits at Carnegie-Mellon University, invited by Prof. Jaime Carbonell, funded by a DFG research scholarship (Oct.'98–March '99, March '00–Aug.'00)
- 1989–1994** **Wissenschaftliche Mitarbeiterin (Teaching Associate)**
 Institute for Psychology, TUB, Group “Cognitive Psychology” (“Allgemeine Psychologie”, group of Prof. Dr. Klaus Eyferth)
Research Areas: Intelligent Tutorin Systems, Program Skills, Skill Acquisition, Cognitive Modeling
Teaching: undergraduate courses “Perception and Psychophysics”, “Thinking and Problem Solving”, “Learning and Memory”, “Psycholinguistics”, “Methods of Cognitive Modeling”, Organization and supervision of student experimental lab courses
- 1989–1991 Co-worker/supervisor of the research project “Kognitive Prozesse beim Lesen und Verstehen von Computer Programmen” (*Cognitive Processes in Reading and Understanding Computer Programs*), TU-internes Forschungsinitiativprojekt (funded by TUB)
- 1993–1997 Co-Worker of the research project “Kognition und Kontext” (*Cognition and Context*), TU-internes interdisziplinäres Forschungsprojekt (interdisciplinary project, funded by TUB)
- 1989 **Wissenschaftliche Mitarbeiterin (Research Associate)**
 in der DFG-Forschergruppe “Konstruktionshandeln”, Teilprojekt: “Softwareevaluierung” (Project “Software Evaluation” as part of a DFG Research Group) (project supervisor: Prof. Dr. A. Upmeyer)
- 1987–1989 **studentische Hilfskraft (Research Assistant)**
 DFG-Forschergruppe “Konstruktionshandeln”, Teilprojekt: “Softwareevaluierung” (Project “Software Evaluation” as part of a DFG Research Group) (project supervisor Prof. Dr. A. Upmeyer)
- 1987 **studentische Hilfskraft (Research Assistant)**
 DFG-Schwerpunktprojekt “Einstellung und Verhalten” (Research Project “Attitudes and Behavior”, funded by the German Research Community (DFG) as part of a priority program, project supervisor Prof. Dr. A. Upmeyer)
- 1987 6 Week unpaid internship at Max Planck Institute for Human Development, Berlin, Research Project “Action, Control, and Task Performance” (supervisor: E. Skinner, Ph. D.)

NON-SCIENTIFIC EXPERIENCE

- 1988 Working for 6 weeks as unpaid intern at the diagnostics department of labour exchange (Arbeitsamt Berlin, Neukölln)
- 1984 Working for 8 weeks as unpaid intern in psychiatry, Bezirkskrankenhaus Reisenburg

EXTERNAL PROFESSIONAL ACTIVITIES

Program Committees/Reviews:

- Program Committee Member of KI'97 (*Annual German Conference of Artificial Intelligence*), KI'02, ICCM'03, AIA'04 (*IASTED International Conference on Artificial Intelligence and Applications*)
- Reviews for KI'97, FGML'97, FGML'98, ECAI'98, SCI'01, CogSci'01, IJCAI'01, CogSci'02, KI'02, ICCM'03, AIED'03, EuroCogSci'03, KI'03, AIA'04
- Reviews for contributions to publications of the DFG-Priority Program “Spatial Cognition”
- Reviews for DFG-proposals (GB 4, Psychology)

Organization/Chairing of Workshops:

- Chair of the “First European Workshop on Cognitive Modeling” (14.-16.11.96, TUB) with Fritz Wysotzki und Josef Krems (now an biannual event, since 2000 as “International Conference on Cognitive Modeling”)
- Organizing the Workshop “Spatial Cognition” (Arbeitskreises “Raumkognition”), TeaP 1997, HU Berlin with Dr. Mark May
- Organizing the seminare “Qualitative and Metric Methods of Spatial Inference and Analyses of Movements” (Themencolloquium “Qualitative und metrische Verfahren zur räumlichen Inferenz und Bewegungsanalyse”) in context with the DFG Priority Program “Spatial Cognition”, June, 26.-27. 1997, TU Berlin
- Organizing the Workshop “Machine Learning and Concept Acquisition” (“Maschinelles Lernen und Konzepterwerb”), a joint workshop of the GI-Groups Cognition and Machine Learning), KI-98, Bremen
- Co-Organizor of the Panel Discussion “Interdisciplinarity – Luxury or Future of the German Psychology?” (Podiumsdiskussion “Interdisziplinäre Zusammenarbeit – Luxus oder Zukunft der deutschen Psychologie?”), 41. Kongress der DGfP (Annual Congress of the German Association for Psychology), Dresden, Sept. 1998, with Robert Baggen, Klaus Eyferth und Martin Kindsmüller
- Tutorial co-chair of the EuroCogSci'03
- Organization Committee co-chair of EuroCogSci'03
- Organizing the Workshop “Algebraic Approaches to Reasoning” KI-03, Hamburg, together with Kai-Uwe Kühnberger, Helmar Gust and Claus Rollinger

Memberships:

- Member of the governing board (secretary) of the German Cognitive Science Society (2001 – 2003); Member of the Advisory Board of the German Cognitive Science Society (1997 – 2001)
- Member of the German Cognitive Science Society
- Member of the Gesellschaft f. Informatik (GI), Fachgruppe 1, KI (German Association of Computer Scientists, Dept. Artificial Intelligence)
- Member of the Cognitive Science Society

Other Activities:

- Conception and supervision of the computer science minor “Cognitive Science for Computer Scientists” at the Dept. of Computer Science, TUB (since 1998)

- Contributor to preparatory courses and presentations of the university for high-school students at TUB and University of Osnabrück
- Contributor to the “School goes University” courses for high-school students in Osnabrück
- Mentor for the cognitive science bachelor program, University of Osnabrück
- Member of the examination council for secondary school teachers (computer science and mathematics) in Niedersachsen
- Initiator and organizer of the group “Cognitive Science at TUB” (1995-2000) with Prof. Dr. K. Eyferth und Prof. Dr. B. Mahr; including lecture series and seminars

Engagement in University Politics:

- Member of the Council Board for the Dept. of Computer Science, TUB (Vertreterin für den Mittelbau im Fachbereichsrat) (1996–1997; 2000)
- Member of the Council Board for the Inst. of Applied Computer Science, (Vertreterin für den Mittelbau im Direktorium des Instituts für Angewandte Informatik der TUB (1995–2000)
- Member of various committees at TUB and University of Osnabrück

DIPLOMA STUDENTS AT TU BERLIN

Psychology:

- Strukturierung beim Lesen von Programmtexten (Armin Müller, 1991),
- Informationssuche in der medizinischen Diagnose: Eine Methode zur Untersuchung kausalen Denkens (Thomas Rodenhausen, 1992)
- Die Wirkung der Beispielähnlichkeit auf den analogen Transfer (Knut Polkehn, September 1997)
- Bedingungen für analogen Transfer (Joachim Wirth, May 1998)
- Repräsentationsprozesse beim Analogen Schließen (Martin Mühlpfordt, Juni 1999)

Computer Science:

- Automatische Induktion von Unterprogrammen bei der Synthese rekursiver Programmschemata (Imre Szabo, März 1997)
- Strategien zur Induktiven Synthese von rekursiven Programmschemata: Untersuchungen zu Aufwand und Komplexität (Susanne Dobratz, Juli 1997)
- Ein typbasierter Ansatz zur analogen funktionalen Programmierung: Hierarchische Gedächtnisorganisation und typgesteuerter Abruf (Mark Müller, August 1997)
- Segmentierung mit Gaborfiltern zur Induktion struktureller Klassifikatoren auf Bilddaten (Ralf Herbrich, Oktober 1997)
- Induktive Programmsynthese und Distanzmetriken (Dirk Matzke, November 1997)
- Programmieren durch analoges Schließen: Zwei Algorithmen zur Adaptation rekursiver Programmschemata (Rene Mercy, April 1998)
- Integration von Funktionsanwendungen beim zustandsbasierten Planen (Marina Müller, Mai 2000)
- Gedächtnisorganisation und Abruf von rekursiven Programmschemata beim analogen Programmieren durch typindizierte Anti-Unifikation (Uwe Sinha, August 2000)
- Syntaktische Inferenz Rekursiver Programmschemata (Martin Mühlpfordt, September 2000)
- Automatic Generation of State Sets from Domain Specifications (Bernhard Wolf, Oktober 2000)
- Integrierte Umgebung zur Nutzung und Evaluation von Planungsalgorithmen (Jürgen Winkler, Oktober 2000)
- Ein effizienter Pattern-Matcher zur Synthese rekursiver Programme aus endlichen Termen (Heike Pisch, November 2000)
- Erwerb und Nutzung von Überblickwissen bei der Roboternavigation (Karin Boehnke, Mai 2001)
- Combinatorically Restricted Higher Order Anti-Unification – An Application to Programming by Analogy (Ulrich Wagner, April 2002, TUB, external advisor)
- Funktionsanwendung beim zustandsbasierten Planen (Peter Pollmanns, October 2003, TUB, external advisor)
- Inductive Functional Programming - a Term-Construction and Folding Approach (Emanuel Kitzelmann, October 2003, TUB, external advisor)
- Navigation in merkmalsarmen Umwelten (Moritz Baumann, December 2003, TUB, external advisor)

BACHELOR/MASTER/DIPLOMA/PH.D. STUDENTS AT UNIVERSITY OSNABRÜCK

Advisor of Diploma-/Master-Theses

- Gerald Vornholt, Reengineering eines eCommerce Servers für ein Osnabrücker Logistikunternehmen. (Diplom-Mathematik, February 2003; primary advisor: Oliver Vornberger)
- Jens Waltermann, Induktive Synthese von XSL Transformationen. (Diplom-Mathematik, February 2003)
- Marianne Schumacher, XOML – Eine einfache Sprache für XML. (Diplom-Mathematik, August 2002; primary advisor: Axel T. Schreiner)

Advisor of Bachelor-Theses

- Christopher Lörken, “Learning Symbolic Maps from Robot Navigation” (Bachelor Cognitive Science, July 2004)
- Julia Jira, “Re-Representation Processes in Analogical Reasoning” (Bachelor Cognitive Science, June 2004)
- Sebastian Hoberg, “Reinforcement Learning for Autonomous Agents in Multi-Player Games” (Bachelor Cognitive Science, June 2004)
- Elif Aktolga, “An animated GUI for problem solving and planning algorithms” (Bachelor Cognitive Science, in Vorbereitung)
- Peter Hansen, “A Java Simulation of the ENIAC” (Bachelor Cognitive Science, January 2004; primary advisor: Raul Rojas, FU Berlin)
- Sarah Irwin, “Structural Similarity in Analogical Transfer” (Bachelor Cognitive Science, December 2003)
- Gero Keunecke, “Context effects on magnitude estimates” (Bachelor Cognitive Science, December 2003)
- Sven-Eric Schelhorn, “Empirical Evidence for the Use of Derivational Strategies in Analogical Problem Solving” (Bachelor Cognitive Science, December 2003)
- Fabian Suchanek, “Representing Ontological Structures in CLOS, Java and Fast” (Bachelor Cognitive Science, September 2003; primary advisor: Helmar Gust)
- Boris Wagenseil, “Strukturierte auditive Darstellung von HTML-Textinhalten” (Bachelor Cognitive Science, August 2003; primary advisor: Helmar Gust)
- Andreas Manz und Jan Baudisch, “Konzeption und Implementierung eines Alumni-Datenbanksystems mit Web-Interface” (Bachelor Mathematik/Informatik, Juli 2003; primary advisor: Oliver Vornberger)
- Jens Kunkemöller, “Aufgabenfokussierte Evaluation von Webseiten mit der Methode des Cognitive Walkthrough” (Bachelor Cognitive Science, June 2003; primary advisor: Franz Schmalhofer)
- Jan Plate, “Automatisierte Unterstützung beim Lösen von LISP-Aufgaben” (Bachelor Cognitive Science, October 2001; primary advisor: Helmar Gust)
- Nele Pape “Die zeitliche Stabilität von expliziter und inferierter Information” (Bachelor Cognitive Science, Oktober 2001; primary advisor: Franz Schmalhofer)

Advisor of Doctorate Students

- Timo Steffens, “Case-based Retrieval of Visual Scenes” (Institute for Cognitive Science, in Vorbereitung, second advisor)
- Bernd Kühl, “Objekt-Orientierung im Compilerbaum” (FB Mathematik/Informatik, Dezember 2002; member of Ph. D. Committee).

TEACHING EXPERIENCE

Psychology:

- WS 1989/1990: Wahrnehmung und Psychophysik (*Perception and Psychophysics*, required undergrad. seminar course, 3 hours weekly)
- SS 1990: Wahrnehmung und Psychophysik (*Perception and Psychophysics*, required undergrad. seminar course, 3 hours weekly)
- WS 1990/91: Denken und Problemlösen (*Thinking and Problem Solving*, undergrad. seminar course, 2 hours weekly)
- SS 1991, WS 1991/92: Orientierungsprojekt “Allgemeine Psychologie I” (*experimental lab course*, two consecutive terms, 3 hours weekly)
- SS 1992: Lernen und Gedächtnis (*Learning and Memory*, required undergrad. seminar course, 3 hours weekly)
- WS 1992/1993, SS 1993: Orientierungsprojekt “Allgemeine Psychologie I” (*experimental lab course*, two consecutive terms, 3 hours weekly)
- WS 1993/1994: Methoden der Kognitiven Modellierung (*Methods for Cognitive Modeling*, undergrad. seminar course, 2 hours weekly; newly introduced)
- SS 1994: Sprachpsychologie (*Psycholinguistics*, undergrad. seminar course, 2 hours weekly; introduction of a new text book, introduction of weekly assignments)

Computer Science:

- SS 94:
 - Übung zur Basisveranstaltung “Grundlagen der Künstlichen Intelligenz” (*Introduction to AI*, graduate course, tutorial, 2 hours weekly; as external lecturer)
- WS 94/95:
 - Seminar “Automatisches Programmieren und Fertigkeitserwerb” (*Automatic Programming and Skill Acquisition*, graduate course, 2 hours weekly, together with Fritz Wysotzki)
 - Übung zur Vertiefungsveranstaltung “Maschinelles Lernen” (*Machine Learning*, graduate course, tutorial, 2 hours weekly)
- SS 95:
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*, 6 hours weekly, together with Fritz Wysotzki, Kristina Schädler, Tobias Scheffer; Organization, responsible for seminar talks, supervision of two student groups and of a third together with K. Schädler)
 - Übung zur Basisveranstaltung “Grundlagen der Künstlichen Intelligenz” (*Introduction to AI*, graduate course, tutorial, 2 hours weekly)
- WS 95/96:
 - Seminar “Künstliche Intelligenz und Software Engineering” (*AI and Software Engineering*, graduate seminar course, 2 hours weekly, together with Fritz Wysotzki und Maritta Heisel; supervision of 6 seminar talks)

- Übung zur Vertiefungsveranstaltung “Maschinelles Lernen” (*Machine Learning*, graduate course, tutorial, 2 hours weekly)
- SS 96:
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*), 6 hours weekly, together with Fritz Wysotzki and Kristina Schädler; Organization, responsible for seminar talks, supervision of one student group)
 - Übung zur Basisveranstaltung “Grundlagen der Künstlichen Intelligenz” (*Introduction to AI*, graduate course, tutorial, 2 hours weekly)
- WS 96/97:
 - Seminar “Künstliche Intelligenz und Software Engineering” (*AI and Software Engineering*, graduate seminar course, 2 hours weekly, together with Fritz Wysotzki, supervision of 9 seminar talks)
 - Übung zur Vertiefungsveranstaltung “Maschinelles Lernen” (*Machine Learning*, graduate course, tutorial, 2 hours weekly)
 - Vorlesung “Künstliche Intelligenz für Geistes- und Sozialwissenschaftler” (*AI for Social Scientists*, lecture and tutorial, 2 hours weekly)
- SS 97:
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*), 6 hours weekly, together with Fritz Wysotzki and Peter Geibel; Organization, responsible for seminar talks, supervision of two student groups)
 - Übung zur Basisveranstaltung “Grundlagen der Künstlichen Intelligenz” (*Introduction to AI*, graduate course, tutorial, 2 hours weekly)
- WS 97/98:
 - Übung zur Vertiefungsveranstaltung “Maschinelles Lernen” (*Machine Learning*, graduate course, 2 tutorials, each 2 hours weekly)
- SS 98:
 - Vorlesung Basisveranstaltung “Grundlagen der Künstlichen Intelligenz” (*“Introduction to AI*, lecture, 2 hours weekly, preparation of a new script)
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*), 6 hours weekly, supervision of two student groups)
- WS 98/99: on leave
- SS 99:
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*), 6 hours weekly, together with Fritz Wysotzki, supervision of four student groups)
- WS 99/00:
 - Seminar “Künstliche Intelligenz und Software Engineering” (*AI and Software Engineering*, graduate seminar course, 2 hours weekly, together with Fritz Wysotzki, Wolfgang Grieskamp, Peter Pepper, organization, supervision of 6 seminar talks)

- Grundstudiums-Pflichtveranstaltung “Informatik 3” (required undergrad. course on search algorithms, graph algorithms, and dynamic data structures; organization, development of assignments and exams, preparation of new slides and a new script)
- SS 00: on leave
- WS 00/01:
 - Seminar “Künstliche Intelligenz und Software Engineering” (*AI and Software Engineering*, graduate seminar course, 2 hours weekly, together with Fritz Wysotzki, Petra Hofstedt, Peter Pepper, organization, supervision of 4 seminar talks)
 - Grundstudiums-Pflichtveranstaltung “Informatik 3” (required undergrad. course on search algorithms, graph algorithms, and dynamic data structures; organization and tutorial, two hours weekly)
- SS 01:
 - Projekt “Moderne Methoden des Maschinellen Lernens II” (*student project “Modern Methods of Machine Learning”*), 6 hours weekly, together with Fritz Wysotzki and Carsten Gips)
 - Vorlesung “Informatik B” (required undergrad. course on object oriented programming with Java, lecture, 4 hours weekly)
 - Übung “Verteilte Systeme” (*Distributed Systems*, tutorial, 2 hours weekly)
- WS 01/02:
 - Lecture (4 hours weekly) and tutorial (2 hours weekly) “Functional Programming”
 - Seminar “AI Planning” (2 hours weekly)
 - Organizer of the Computer Science Colloquium (2 hours weekly)
- SS 02:
 - Vorlesung “Informatik B” (required undergrad. course on object oriented programming with Java, lecture, 4 hours weekly)
 - Seminar und Programmierpraktikum “Automatisches Programmieren” (2 SWS + 4 hours weekly, seminar course and lab)
 - Organizer of the Computer Science Colloquium (2 hours weekly)
- WS 02/03:
 - Lecture “Methods of Artificial Intelligence” (2 hours weekly, in English)
 - Lecture (4 hours weekly, in English) and tutorial (2 hours weekly) “Functional Programming”
 - Organizer of the Computer Science Colloquium (2 hours weekly)
 - Contributions to the lectures “Foundation of Cognitive Science” and “Wissenschaftsphilosophie der Kognitionswissenschaften”
- SS 03:
 - Vorlesung “Informatik B” (required undergrad. course on object oriented programming with Java, lecture, 4 hours weekly)
 - Seminar “Cognitive Architecture: Problem Solving and Comprehension Processes” (2 hours weekly, Master Program Cognitive Science, with Franz Schmalhofer)

- Organizer of the Computer Science Colloquium (2 hours weekly)
- Organizer of the Colloquium of the Institute of Cognitive Science (2 hours weekly)
- WS 03/04: on leave

For homepages for the courses see <http://www.inf.uos.de/schmidrsp>. <http://ki.cs.tu-berlin.de/~schmid>.