Curriculum Vitae: Michael Kohlhase

1 Curriculum Vitae: Dr. Michael Kohlhase

1.1 Personal

NAME	Prof. Dr. Michael Kohlhase, born Kaup
BORN	September 13. 1964, Erlangen, Germany
TEL./FAX	+49 9131-85-64052/55
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1.2 Affiliations

FAU	*Professorship for Knowledge Representation and Management*, Computer Science, FAU Erlangen-Nürnberg
JACOBS UNIV	*Adjunct Professor for Computer Science*, Jacobs University Bremen.
CARNEGIE MELLON UNIV	*Adjunct Associate Professor*, School of Computer Science, Carnegie Mellon University

1.3 Education

1983 – 1989	Studied Mathematics at the Universities of Tübingen and Bonn, Diplom (master's degree) University at Bonn Dec. 1989.
1990 – 1994	Doctoral studies with Prof. Dr. Jörg Siekmann at Kaiserslautern and Saarland Universities
AUG. 92 – FEB. 93	Guest researcher at the Carnegie Mellon University, Pittsburgh, Pa, USA; invited by Prof. Peter Andrews and Prof. Frank Pfenning
NOV. 1994	**Dr. rer. nat.** (Ph.D) at the Dept. of Computer Science, Saarland University Thesis: *A Mechanization of Sorted Higher-Order Logic Based on the Resolution Principle* Mark: summa cum laude (highest honors)

1.4 Post-Doctorate

SEPT '00 – AUG. '03	Heisenberg-Stipendiate at the School of Computer Science, Carnegie Mellon University; by invitation of Prof. Dana Scott and Prof. Herbert Simon
26. MAY 1999	**Habilitation** at the Dept. of Computer Science, Saarland University
MAR., APRIL 99	Guest researcher at the Stanford Research Institute (SRI) and Stanford University, USA; invited by Prof. Jerry Hobbs
MAY – AUG 98	Guest researcher at the Centrum for Wiskunde en Informatica (CWI) and Universiteit van Amsterdam, The Netherlands; invited by Prof. Jan van Eijk
MAY – JUL. 96	Guest researcher at the Department of Artificial Intelligence, The University of Edinburgh, Scotland; invited by Prof. Alan Bundy

Mar., April 95	Guest researcher at the Centrum for Wiskunde en Informatica (CWI) and the Universiteit van Amsterdam, The Netherlands; invited by Prof. Johan van Benthem and Prof. Jan van Eijk

1.5 Awards

July 2015	Best paper award at the *Conference on Intelligent Computer Mathematics* (CICM 2015)
July 2014	Best paper award at the *Conference on Intelligent Computer Mathematics* (CICM 2014)
July 2010	Best paper award at the *International Conference on Mathematical Knowledge Management* (MKM 2010)
Aug. 2008	Best paper award at the *World Summit of the Knowledge Society* (WSKS 2008)
Sept. '00 – Aug. '03	Heisenberg-Stipend of the Deutsche Forschungsgemeinschaft (DFG).
Sept. 1996	AKI-prize, dissertation prize of the "Arbeitsgemeinschaft deutscher KI-Institute (AKI)"
Nov. 91 – Mar. 94	Dissertation stipend of the "Studienstiftung des Deutschen Volkes" (German National Merit Foundation)
Nov. 86 – Sept. 88	Masters stipend of "Studienstiftung des Deutschen Volkes" (German National Merit Foundation)

1.6 Employment

since Sept '16.	Professur für Wissensrepräsentation und -verarbeitung; Informatik, FAU Erlangen-Nürnberg
Sept. '16-Aug. 17	Adjunct Professor for Computer Science, Jacobs University Bremen
Sept. '03-Aug. '16	Professor for Computer Science, Jacobs University Bremen
Jul. '99 – Aug. '03	"Hochschuldozent C2" (associate professor) at the Dept. of Computer Science, Saarland University;
Mar. 97 – Jul. 99	"Hochschulassistent C1" (assistant professor) at the Dept. of Computer Science, Saarland University
Jan. 96 – Feb. 97	Project leader in the SFB 378 *"Ressource-Adaptive Cognitive Processes"*
Jan. 92 – Dec. 95	Researcher in the SFB 314 at the Saarland University
Jan. 90 – Dec. 91	Researcher in the SFB 314 (collaborative research centre) *"Knowledge-based Systems — Artificial Intelligence"*, University of Kaiserslautern

1.7 Professional Appointments

2019–	Deputy Speaker of the Working Group for Research Data and Research Information Systems, FAU Erlangen-Nürnberg
2019–	Member of the Executive Committee of the Language Center, FAU Erlangen-Nürnberg
2013 –	Member of the "World Digital Mathematical Library Workin Group" chartered by the International Mathematical Union.
2010–2015	Secretary of the "Conference of Intelligent Computer Mathematics" (CICM)
2015 –	Founding Director and President of the MathML Association
2006 –	President of the OpenMath Society

2000 –	Member of the W3C MATH Working Group
2001 –	Member of the Executive Board of the OpenMath Society
2001 –	Adjunct Associate Professor, School of Computer Science, Carnegie-Mellon University
2004 – 2010	Trustee of the Mathematical Knowledge Management Interest Group (MKM-IG)
1999 – 2009	CALCULEMUS-Trustee
FEB '06 – DEC'08	Deputy Director "'Safe and Secure Cognitive Systems"', German Research Center for Artificial Intelligence (DFKI)
2000 – 2006	Trustee of the Conference on Automated Deduction (CADE)

I have been appointed to the program committees of about 90 international conferences and have chaired seven of them.

1.8 Extended Research Visits

See the ones for the post-doctorate in Section 1.4

DEC.'05.-JAN. '06	Rice University; with Prof. Richard Baraniuk & Connexions
JAN.-JUL. '09	Auckland University, NZ; with Prof. Cristian Calude
FEB.-APRIL. '24	Indian Institute of Science, India, with Prof. Deepak D'Sousa
MAY-AUGUST '24	Hausdorff Institute, Bonn, D (Special Trimester on Formalized Mathematics)

1.8.1 Supervision of Ph.D. Theses

CURR.	Marcel Schütz: *Adaptive Learner support via Views*
CURR.	Tom Wiesing: *Interactions Between Aspects Of Tetrapodal Mathematics On MathHub*
CURR.	Jan Frederik Schaefer *Semantics Extraction in STEM*
CURR.	Max Rapp: *Argumentation via Theory Graphs*
CURR.	Jonas Betzendahl: *Learner Modeling*
CURR.	Deyan Ginev: *Semantics Extraction for Mathematical Documents*
CURR.	Constantin Jucovschi: *Semantic Development Environments*
OCT. 2019	Dennis Müller: *Mathematical Knowledge Management Across Formal Libraries*
DEC. 2016	Mihnea Iancu: *Towards Flexiformal Mathematics*
NOV 2014	Feryal Fulya Horozal: *Framework for Defining Declarative Languages*
JUL. 2012	Vyacheslav Zholudev: *Enhancing XML Preservation and Workflows*
MAR. 2011	Christoph Lange: *Enabling Collaboration on Semiformal Mathematical Knowledge by Semantic Web Integration*, Jacobs University
MAY 2010	Christine Müller: *Adaptation of Mathematical Documents*, Jacobs University.
AUG 2010	Normen Müller: *Change Management on Semi-Structured Documents*, Jacobs University.
DEC. 2008	Immanuel Normann: *Automated Theory Interpretation*, Jacobs University.

Jun 2008	Florian Rabe: *Representing Logics and Logic Translations*, Jacobs University
April 2007	Benjamin Han: *Modeling Time in Information Retrieval Tasks* Carnegie Mellon University (with Prof. Carbonell).
Nov. 2004	Octav Popescu: *Logic-Based Natural Language Understanding in Intelligent Tutoring Systems* Carnegie Mellon University (with Prof. Ken Koedinger).
April 2000	Karsten Konrad: *Model Generation for Natural Lanugage Interpretation and Analysis* Saarland University.
May 1999	Christoph Benzmüller: *Equality and Extensionality in Higher-Order Theorem Proving* Saarland University.
Feb. 1999	Susanna Kuschert: *Dynamic Meaning and Accomodation* (with Prof. Pinkal) Saarland University.

2 Publications

See `https://kwarc.github.io/bibs/mkohlhase/`