

**PERSONAL INFORMATION**

Family name, First name: Benzmüller, Christoph  
 Date of birth: 8. September, 1968  
 Nationality: German  
 URL for web site: <http://christoph-benzmueller.de>

**EDUCATION**

2007           Habil., Dep. of Computer Science, Saarland University, Saarbrücken, DE  
 1999           Dr.-Ing., Dep. of Computer Science, Saarland University  
 1995           Dipl.-Inform. Dep. of Computer Science, Saarland University

**CURRENT POSITIONS**

2017 -           Visiting Scholar  
                   Faculty of Science, Technology and Communication, University of Luxembourg, LU  
 2012 -           Privatdozent (Associate Professor) in Mathematics and Computer Science  
                   Dep. of Mathematics and Computer Science, FU Berlin, DE  
 2007 -           Privatdozent (Associate Professor) in Computer Science  
                   Dep. of Computer Science, Saarland University

**PREVIOUS POSITIONS (selection)**

2015 - 2016    Visiting Scholar, CSLI/Cordula Hall, Stanford University, CA, US  
 2008 - 2011    Senior Researcher, DFG research grant Articulate Software, Angwin, CA, US  
 2008 - 2009    Full Professor for AI and Formal Methods, Intl. University in Germany, Bruchsal, DE  
 2006 - 2007    Senior Research Fellow, Computer Science, University of Cambridge, GB  
 2001 - 2008    Assistant/Associate Prof. (C1/C2), Dep. of Computer Science, Saarland University  
 2000 - 2001    PostDoc, The Universities of Birmingham and Edinburgh, GB

**FELLOWSHIPS, AWARDS and HONORS (selection)**

2012 - 2017    Heisenberg Fellowship, German National Research Foundation (DFG)  
 2015/2016      Central teaching award of FU Berlin for lecture on Computational Metaphysics  
 2012 -           Member of the Berlin Mathematical School  
 2010            World champion in higher-order automated theorem proving with LEO-II prover  
 1996–1998     Ph.D. scholarship of the Studienstiftung des Deutschen Volkes

**SUPERVISION OF GRADUATE STUDENTS**

2012 - 2017    3 PhD (ongoing) / 7 Master Students / 10 Bachelor, FU Berlin, including  
                   A. Steen (22 publications): Ordered Paramodulation Calculus for HOL  
                   M. Wisniewski (17 publications): Agent-based Reasoning Architecture  
 2001 - 2008    3 PhD / 9 Diploma / 1 Master Students / 5 Bachelor, Saarland University  
                   **Note:** external reviewer/tutor of 15 further PhDs in CS and philosophy at 7 universities

**TEACHING ACTIVITIES (selection)**

2016            Lecture Course: Computational Metaphysics, FU Berlin  
 2014 -           Lecture Course: Artificial Intelligence, FU Berlin  
 2014            Lecture Course: Expressive Logics, FU Berlin  
 2006            Lecture Course: Automated Theorem Proving in HO Logic, TU Darmstadt  
 1999 - 2005    Lecture Course: Artificial Intelligence, Saarland University

**ORGANISATION OF SCIENTIFIC MEETINGS (selection)**

2018            Programme co-chair, Intl. Joint Conference on Rules and Reasoning, Luxembourg  
 2016, 2017     Programme co-chair, Global Conference on Artificial Intelligence, Miami  
 2015            Conference chair, Conference on Automated Deduction, Berlin  
 2014, 2016, 2018   Co-organizer/-chair, WS on Autom. Reasoning in Quantified Non-Classical Logics

### INSTITUTIONAL RESPONSIBILITIES (selection)

- 2014, 2015 Chair, appointments committee, Prof. (W1) in Mobile Robotics, FU Berlin  
 2015 Member, appointments committee, Prof. (W3) in Bio-/Informatics, FU Berlin  
 2014, 2015 Member, appointments committee, Prof. (W1) in AI, FU Berlin

### COMMISSIONS OF TRUST (selection)

- 2013, 2017 Reviewer, Austrian Science Fund, AT  
 2016, 2017 Reviewer, Johannes Kepler Universität, Linz, AT  
 2016 Reviewer, Cambridge University, GB  
 2016 Reviewer, Kings College, London, GB  
 2013 Reviewer, Deutsche Forschungsgemeinschaft, DE  
 2013 Reviewer, Czech Science Foundation, CZ  
 2008, 2013 Reviewer, Nat. Sciences and Engineering Research Council of Canada (NSERC), CA  
 2009 Reviewer, Recherche en sciences & technologies de l'information (DIGITEO), FR  
 2008 – Editorial board, Logic Journal of the IGPL  
 2008 – Editorial board, Journal of Applied Logic

### MEMBERSHIPS OF SCIENTIFIC SOCIETIES (selection)

- 2017 – Founding member, The International Society for Formal Ontology (to be set up)  
 2015 - Conference on Automated Deduction, vice-president  
 2015– Association of Automated Reasoning, board member  
 2014 - Spokesman of the section Deduction Systems of the Gesellschaft für Informatik, DE  
 2014 - 2016 Berlin Mathematical School, mentoring, gender and diversity committee  
 2008 - 2011 Conference on Automated Deduction, elected trustee  
 2010 – The International Federation for Computational Logic, executive board  
 2006 – User Interfaces for Theorem Provers, permanent steering committee member

### RECORD OF THIRD-PARTY FUNDED PROJECTS (selection)

- Leo-III (DFG, [BE 2501/11](#), €276,218): Effective HO Automated Theorem Proving, PI
- CompMeta (FU Berlin central teaching award, €10.000): Lecture course on Computational Metaphysics, PI
- CADE-25 (DFG, BE 2501/12, €21.600): Conference Support Grant for CADE-25 in 2015 in Berlin, PI
- Heisenberg fellowship (DFG, [BE 2501/9](#), ~€310.000): Studies in Computational Metaphysics, PI
- ONTOLEO (DFG, [BE 2501/6](#), ~€102.000): Cooperative HO ATP for Ontology Reasoning, PI
- THFTPTP (EU FP7-PEOPLE, [219982](#), ~€130,000): Intl. Infrastructure for the Automation of HO Logic, PI
- OMEGA (DFG SFB378, [MI-04](#), ~€900,000): Agent-oriented Proof Planing, Co-PI
- DIALOG (DFG SFB378, [MI-03](#), ~€900,000): NL-based Interaction with a Maths Assistance System, Co-PI
- LEO-II (EPSRC—[EP/D070511/1](#)): LEO II: An Effective Higher-Order Theorem Prover, PostDoc
- CALCULEMUS (EU FP5—[HPRN-CT-2000-00102](#)): Research Training Network, Co-Coordinator

### COLLABORATIONS (selection)

**Universal Logic Reasoning and Computational Metaphysics:** • Dr. Bruno Woltzenlogel-P., ANU Canberra, AU • Edward Zalta, PhD, Stanford U., CA, US • Prof. Dana Scott, U. of Berkeley, CA, US   **Normative Reasoning and Big Data:** • Prof. Leon van der Torre, Dr. Xavier Parent, Prof. Martin Theobald, U. of Luxembourg, LU   **Automated and Interactive Theorem Proving:** • Prof. Geoff Sutcliffe, U. of Miami, US • Prof. Jasmin Blanchette, Vrije U. Amsterdam, NL • Prof. Stephan Schulz, DHBW Stuttgart, DE • Prof. Larry Paulson, U. of Cambridge, UK • Dr. Jens Otten, U. of Oslo, NO • Chad Brown, PhD, Czech TU in Prague, CZ   **Robotics and Machine Learning:** • Prof. Raul Rojas, Prof. Daniel Göhring, Prof. Tim Landgraf, FU Berlin   **AI Ontologies:** • Adam Pease, PhD, USA   **Education Tools:** • Dr. Carsten Ullrich, DFKI Berlin, DE

### CAREER BREAKS

- 2009 – 2010 12 months parental leave after birth of my son  
 2011 – 2012 3 months parental leave after birth of my twin daughters  
 2011 2 months care service for my mother before her death