

# HELMUT VEITH

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## APPOINTMENTS AND EDUCATION

2010-	Full professor, TU Vienna, Austria Head of the FORSYTE group
2008-2009 since 2005	Professor (W3), TU Darmstadt, Germany Adjunct Full Professor, Carnegie Mellon University, Pittsburgh, USA
2003-2007	Professor (C3), TU Munich, Germany
2001-2003	Associate Professor, TU Vienna, Austria
2001	Habilitation in Applied and Theoretical Computer Science, TU Vienna
1999-2000	Visiting Scientist, Carnegie Mellon University, Pittsburgh, USA
1998	Doctoral defense <i>sub auspiciis praesidentis</i> , TU Vienna
1995-2001	Teaching and Research Assistant (Universitätsassistent), TU Vienna
1994	Diplom-Ingenieur (equivalent to M.Sc.) in Computational Logic, TU Vienna
1989	High school graduation, BG/BRG Tulln, Austria

## CAREER-RELATED ACTIVITIES

- Vice chair of Vienna Summer of Logic 2014 (FLoC, Logic Colloquium - the largest conference in the history of logic – [vsl2014.at](http://vsl2014.at))
- Chair of the Federated Logic Conference (FLoC) 2014, Vienna
- Program co-chair, FMCAD 2016, CAV 2013, St. Petersburg, CSL 2010, Brno, and LPAR 2008, Qatar
- Editor (with Ed Clarke and Tom Henzinger) of the forthcoming Handbook of Model Checking, Springer 2015
- Editor (with Orna Grumberg) of LNCS volume 5000, 25 Years of Model Checking, Springer
- Invited speaker, PSI 2015, ICST 2015, iFM/FACS 2014, VSTE 2014, Haifa Verification Conference 2009, CSL 2003, LPAR 2008, European Forum Alpbach 2008, and at multiple workshops and symposia
- ACM SIGSOFT Distinguished Paper Award 2003
- Program committee member of ATVA 2010, CAV 2003, CAV 2005, CAV 2009, CAV 2010, CAV 2012, CSL 2009, CSL 2011, CSL 2012, CSR 2007-2009, DATE 2011, DATE 2012, EC2 2009-2012, FMCAD 2009, FMCAD 2010, FMCAD 2011, FMCAD 2012, FMICS 2011, FSTTCS 2007, HVC 2010, HVC 2011, HVC 2012, ICTAC 2009, ICTAC 2010, ICTERI 2011, ICTERI 2012, LICS 2004, LICS 2016, SOFSEM 2012, SPIN 2012, SYNASC 2008-2011, TACAS SW Verification Competition 2012, TACAS 2015, TASE 2011, VMCAI 2012, WING 2009, WING 2010, WING 2012, WOLLIC 2011, SPIN 2011, SPIN 2012 *etc.*
- Co-chair, Vienna Center for Logic and Algorithms (VCLA, [www.vcla.at](http://www.vcla.at))
- Founding president, Austrian Society of Rigorous Systems Engineering, [www.arise.or.at](http://www.arise.or.at)
- Steering Committee Member, European Association for Computer Science Logic (EACSL)
- Steering Committee Member, International Kurt Gödel Society
- Steering Committee Member, Workshop Series EC<sup>2</sup> (Exploiting Concurrency Efficiently and Correctly)
- Member, Committee on Logic Education, Association for Symbolic Logic
- Member of the Academic Senate of TU Vienna (currently vice-speaker of the professors)
- Coordinator of the Research Focus on Logic and Computation, Faculty of Informatics, TU Vienna

- Member of the Curriculum Committee, Faculty of Informatics, TU Vienna
- Member of the Faculty Council of the Faculty of Informatics, TU Vienna
- Board Member, PhD School for Informatics, TU Vienna
- More than 120 refereed publications in leading venues for *computer-aided verification and program analysis* (CAV, FMCAD, TACAS, CONCUR, SAS, VMCAI), *logic in computer science* (LICS, CSL), *software engineering* (ICSE, ASE, FASE), *computer security* (Security and Privacy, CCS), and *theoretical computer science* (ICALP, MFCS, CCC, PODC).
- More than 5000 citations according to google scholar

#### RECENT RESEARCH PROJECTS

- Deputy Speaker, FWF-funded National Research Network *Rigorous Systems Engineering* (RiSE), 2011-2019. (Total budget approx. 7.5 Mio EUR)
- Speaker, Doctoral College *Logical Methods in Computer Science*, first funding phase 2014-2018. (Budget 2.7 Mio EUR)
- PI, WWTF Project *Program Seeding*, 2010-2014, (Budget approx. 500 K EUR)
- EU TEMPUS Project CANDI (2010-2014) Teaching Competency and Infrastructure for e-Learning and Retraining) with National University Tashkent, Chemico-Technical Institute Tashkent, TU Munich, Open University, University of Vienna, Kazakh National University, International Kazakh-Turkish University. Coordinator for TU Wien. Budget: 870.000 EUR

#### SELECTED STUDENTS AND POSTDOCS

- *Stefan Katzenbeisser* (PhD): Philips Research, now Professor (W3) at TU Darmstadt, Germany. (7 graduated PhD students). 145 publications.
- *Christian Schallhart* (PhD): Postdoc in Oxford, now Google London. Kurt Gödel Scholarship to visit Columbia University. Award for best Austrian Master Thesis. 59 publications.
- *Johannes Kinder* (PhD): Postdoc at EPFL, now Lecturer at Royal Holloway. Bavarian State PhD Scholarship for Excellent Students. General Electric Silver Award for Master Thesis. 18 publications.
- *Michael Tautschnig* (PhD): Postdoc in Oxford, now Lecturer at Queen Mary. 40 publications.
- *Andreas Holzer* (PhD): Postdoc in Toronto. 24 publications.
- *Florian Zuleger* (PhD): Microsoft European PhD Scholarship. Tenure Track Assistant Professor, TU Wien. 18 publications.
- *Marko Samer* (PhD): Postdoc Leicester. Best Austrian PhD Thesis Award. 27 publications.
- *Stefan Kugele* (PhD): Postdoc at TU München. 13 publications.
- *Johannes Birgmeier* (Master): Graduate student at Stanford. 1 publication.
- *Daniel Pötzl* (Master): Graduate student at Oxford. 4 publications.
- *Sasha Rubin* (Postdoc): Now Postdoc at Naples, Italy. 27 publications.
- *Gergely Kovásznai* (Postdoc): Now associate professor at Eszterházy Károly College, Hungary. 9 publications.
- *Josef Widder* (Postdoc): Now assistant professor at TU Wien. 38 publications.

I am currently advising 6 PhD students (4 female, 2 male).