CURRICULUM VITAE

PERSONAL INFORMATION

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EDUCATION

04/2001	Dr. rer. nat. in Computer Science (summa cum laude) Fernuniversität Hagen, Germany Thesis: Modular Specification and Verification of Object-Oriented Programs
11/1991 – 05/1996	Study of Computer Science (Diplom with distinction) Technische Universität München, Germany

EMPLOYMENT

Since 08/2008	Full Professor, ETH Zurich, Switzerland Programming Methodology Group
06/2007 – 07/2008	Researcher, Microsoft Research, USA
06/2003 – 07/2008	Assistant Professor, ETH Zurich, Switzerland Head of Software Component Technology Group on leave of absence from 06/2007 to 07/2008

PUBLICATIONS

Co-author of ca. 140 journal and conference publications, see www.pm.inf.ethz.ch/publications.html.

AWARDS (SELECTION)

Distinguished Paper Awards at PLDi 2025, OOPSLA 2022, ICSE 2016, ECOOP 2011, FM 2011

2025	ETAPS Test-of-Time Award for the ESOP 2009 paper "A Basis for Verifying Multi-Threaded Programs"
2024	CYD Award for Rising Security Technology, Cyber Defence Campus
2021	Amazon Research Award
2017	Facebook Faculty Research Award
2016	Microsoft Research Outstanding Collaborator Award

SS 15	Programming Systems (with M. Vechev)
AS 14	Software Engineering

SERVICE (SELECTION)

Since 2018	Co-director and lecturer of the Marktoberdorf Summer School on Engineering Secure and Depend-able Software Systems
Since 2016	Steering committee member of the *VerifyThis* program verification competition.
2021-2024	Co-organizer of the Rust Verification workshop at ETAPS.
2023	Co-organizer for Dagstuhl seminar on Theoretical Advances and Emerging Applications in Abstract Interpretation. Dagstuhl, Germany.
2018-2022	Steering committee member of the ETAPS *European Joint Conferences on Theory and Practice of Software*, Germany
2020	Co-organizer for Dagstuhl seminar on Theoretical Advances and Emerging Applications in Abstract Interpretation. Dagstuhl, Germany.
05/2016	Co-organizer for Dagstuhl seminar on Synergies among Testing, Verification, and Repair for Concurrent Programs. Dagstuhl, Germany.
02/2007	Co-organizer of Dagstuhl workshop on Mobility*, Ubiquity, and Security*. Dagstuhl, Germany.

EDITORSHIP (SELECTION)

- Member of the editorial board of the *ACM Transactions on Programming Languages and Systems (TOPLAS)*, since 2021.

- Member of the editorial board of the *Journal of Automated Reasoning*, since 2020.

- Member of the editorial board of *Software Testing, Verification and Reliability*, 2007-2025.

- Member of the advisory board of the *Formal Methods* sub-line of LNCS, 2016-2022

- Member of the editorial board of *Science of Computer Programming*, 2013-2022.

PROGRAM COMMITTEES (SELECTION)

CAV 2025 (area chair), 2019

ECOOP 2017 (PC chair), 2016, 2015

ESOP 2025, 2020 (PC chair), 2015, 2008

FSE 2018

ISSTA 2022, 2019

OOPSLA 2026 (area chair), 2015, 2009

PLDI 2024 (area chair), 2022

POPL 2024, 2018, 2011

TACAS 2023