

Klaus v. Gleissenthall

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Education

Jun 2012 - Sep 2016	Ph.D. in Computer Science	Technische Universität München (TUM)
Oct 2009 - Jun 2012	M.Sc. in Computer Science	TUM
Sep 2009 - Feb 2010	Exchange semester	University of Paris 7
Oct 2006 - Oct 2009	B.Sc. in Computer Science	TUM

Work Experience and Academic Visits

Oct 2020 -	Tenure Track Assistant Professor, Vrije Universiteit Amsterdam
March 2016 - Oct 2020	Post-doc University of California, San Diego
Nov 2015 - Feb 2016	Contractor Microsoft Research, Cambridge
Jan 2014 - Nov 2015	Visitor Microsoft Research, Cambridge
Nov 2013 - Jan 2014	Internship Microsoft Research, Cambridge
Dec 2010 - Aug 2011	Research Assistant at TUM, Autonomous Systems Group

Publications

Marco Vassena, Craig Disselkoe, [Klaus v. Gleissenthall](#), Sunjay Cauligi, Rami Gökhan Kici, Ranjit Jhala, Dean Tullsen, Deian Stefan Automatically Eliminating Speculative Leaks from Cryptographic Code with Blade. **Distinguished Paper Award. POPL'21.**

Sunjay Cauligi, Craig Disselkoe, [Klaus v. Gleissenthall](#), Dean Tullsen, Deian Stefan, Tamara Rezk, Gilles Barthe. Semantic Foundations for Constant-Time in the Spectre Era. **PLDI'20.**

IODINE: Verifying Constant-Time Execution of Hardware.

[Klaus v. Gleissenthall](#), Rami Gokhan Kici, Deian Stefan and Ranjit Jhala. **Usenix Security'19.**

Pretend Synchrony: Synchronous Verification of Asynchronous Distributed Programs.

[Klaus v. Gleissenthall](#), Rami Gokhan Kici, Alexander Bakst, Deian Stefan and Ranjit Jhala. **POPL'19.**

Verifying Distributed Programs via Canonical Sequentialization.

Alexander Bakst, [Klaus v. Gleissenthall](#), Rami Gökhan Kici and Ranjit Jhala. **OOPSLA'17.**

Cardinalities and universal quantifiers for verifying parameterized systems.

[Klaus v. Gleissenthall](#), Nikolaj Bjorner and Andrey Rybalchenko. **PLDI'16.**

Symbolic Polytopes for Quantitative Interpolation and Verification.

[Klaus v. Gleissenthall](#), Boris Köpf and Andrey Rybalchenko. **CAV'15.**

An Epistemic Perspective on Consistency of Concurrent Computations.

[Klaus v. Gleissenthall](#), Andrey Rybalchenko. **CONCUR'13.**

Bayesian Logic Networks and Sample Search with Backward Simulation and Constraint Learning.

D. Jain, [Klaus v. Gleissenthall](#), M. Beetz. **KI'2011.**

Awards and Honors

2021	Distinguished Paper Award, POPL
2016	PhD, <i>summa cum laude</i> , TUM
2012	Microsoft Research Studentship
2012	Master <i>with high distinction</i> , TUM

Conference, Colloquium, Invited Seminar, and Workshop Talks

July 2020	VU Amsterdam	Nov 2017	OOPSLA, Vancouver
June 2020	MPI-SP, Bochum	Oct 2017	CNS Review, San Diego
April 2020	University of Edinburgh	Jun 2016	PLDI, Santa Barbara
March 2020	Microsoft Research, Cambridge, UK	Nov 2015	NetOS group, Cambridge University
March 2020	NYU, New York	Sep 2015	University of California, San Diego
Feb 2020	EPFL, Lausanne	Sep 2015	RiSE Seminar, IST Austria
Oct 2019	MPI-SWS, Kaiserslautern	Aug 2015	IMDEA Software Institute
Aug 2019	Usenix Security, Santa Clara	Aug 2015	Parametrized Verification, Madrid
June 2019	VDS, Marrakesh	Jul 2015	CAV, San Francisco
May 2019	Delft University of Technology	Jul 2015	iPRA, San Francisco
April 2019	IMDEA Software, Madrid	May 2015	University of Leicester
Jan 2019	POPL, Lisbon	May 2014	Alpine verification meeting, Frejus
Dec 2018	Microsoft Research, Cambridge	Feb 2014	PPS, University of Paris 7
Nov 2018	TU Vienna	Feb 2014	LIAFA, University of Paris 7
Nov 2018	IST Austria, Vienna	Sep 2013	CONCUR, Buenos Aires

Reviewing

2019	Reviewer for Usenix Security Symposium (Security).
2019	Reviewer for ACM Symposium on Operating Systems Principles (SOSP).
2019	Reviewer for IEEE Computer Security Foundations Symposium (CSF).
2019	Reviewer for Static Analysis Symposium (SAS).
2019	Reviewer for ICALP (International Colloquium on Automata, Languages and Programming).
2018	POPL Artifact Evaluation Committee.
2017	Reviewer for IEEE Computer Security Foundations Symposium (CSF).
2013	Reviewer for International Conference on Computer Aided Verification (CAV).

Program Committee, Artifact Evaluation, and Organizer

2021	Program Committee, ACM Conference on Computer and Communications Security (CCS)
2021	Program Committee, International Conference on Networked Systems (NETYS)
2021	Artifact Evaluation Co-Chair, International Conference on Verification, Model Checking, and Abstract Interpretation (VMCAI).
2020	Artifact Evaluation Committee, Computer Aided Verification (CAV).
2019	Program Committee, Principles of Secure Compilation (PriSC'20).
2019	Program Committee, Programming Languages and Analysis for Security (PLAS'19).
2019	Co-organizer Verification of Distributed Systems Workshop (VDS) at NETYS 2019.
2018	Artifact Evaluation Committee, Principles of Programming Languages (POPL).

Journal Reviewing

ACM Transactions on Programming Languages and Systems (TOPLAS).

Teaching

2015 Teaching Assistant, Prolog at the University of Cambridge

2013 Lecturing, Model checking at TUM

2012 Lecturing, Model checking at TUM