

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

March 2016-	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

Three most relevant publications marked with *.

Pretend Synchrony: Synchronous Verification of Asynchronous Distributed Programs. *
Klaus v. Gleissenthall, Rami Gökhan 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 Bjørner 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**.

Under Submission/Drafts

Verifying Constant Time Execution of Hardware.
Klaus v. Gleissenthall, Rami Gökhan Kici, Deian Stefan and Ranjit Jhala. **Under Submission**.

On the Semantics of Speculative Execution.
Marco Vassena, Klaus v. Gleissenthall, Rami Gökhan Kici, Deian Stefan and Ranjit Jhala. **Draft**.

Awards and Honours

2016 PhD, *summa cum laude*, TUM
2012 Microsoft Research Studentship
2012 Master *with high distinction*, TUM

Conference, Invited Seminar and Workshop Talks

Nov 2018 Microsoft Research, Cambridge
Nov 2018 ENS Paris
Nov 2018 TU Vienna
Nov 2018 IST Austria, Vienna
Nov 2017 OOPSLA, Vancouver
Oct 2017 CNS Review, San Diego
Jun 2016 PLDI, Santa Barbara
Nov 2015 NetOS group, University of Cambridge
Sep 2015 University of California, San Diego
Sep 2015 RiSE Seminar, IST Austria
Aug 2015 IMDEA Software Institute
Aug 2015 Parametrized Verification Workshop, Madrid
Jul 2015 CAV, San Francisco
Jul 2015 iPRA, San Francisco
May 2015 University of Leicester
May 2014 Alpine verification meeting, Frejus
Feb 2014 PPS, University of Paris 7
Feb 2014 LIAFA, University of Paris 7
Sep 2013 CONCUR, Buenos Aires
Mar 2012 Research seminar I7, TUM
Sep 2012 PUMA & RiSE Workshop Goldegg

Posters

Jun 2014 PLDI SRC, Edinburgh
Jul 2012 Microsoft Research Summer School, Cambridge

Service and Reviewing

2018 POPL Artifact Evaluation Committee
2017 Reviewer for IEEE Computer Security Foundations Symposium (CSF)
2013 Reviewer for Joint International Conference on Formal
Techniques for Distributed Systems (FMOODS/FORTE)
2013 Reviewer for International Conference on Computer Aided Verification (CAV)

Teaching

2015 Teaching Assistant, Proglog at the University of Cambridge
2013 Lecturing, Model checking at TUM
2012 Lecturing, Model checking at TUM

References

Ranjit Jhala

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University of California, San Diego
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CA 92093, USA
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Boris Köpf

Associate Professor
IMDEA Software Institute
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Madrid, Spain
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Andrey Rybalchenko (PhD Advisor)

Principal Researcher
Microsoft Research, Cambridge
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Deian Stefan

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