

Robert Künnemann — Curriculum Vitae

Contact Information

Phone: (+49) 176 24675182
Email: robert@kunnemann.de
Web: <http://www.kunnemann.de>

Professional Experience

Sep 2019–today	senior researcher at CISPA
May 2016–Sep 2019	staff scientist at CISPA, Universität des Saarlandes
Oct 2013–Mar 2016	staff scientist at Technische Universität Darmstadt
Oct 2010–Oct 2013	Ph.D. student at INRIA Paris-Rocquencourt (team PROSECCO) and INRIA Saclay — Île de France
Jun 2013–July 2013	research visit at University of Cambridge, with Michael J.C. Gordon

Education

Oct 2010–Oct 2013	Ph.D. in Computer Science at Laboratoire Spécification et Vérification at the École normale supérieure de Cachan passed with distinction “très honorable”
Sep 2008–Apr 2010	Master of Computer Science at Saarland University passed with honours and a grade of 1.1

Research statement

Robert Künnemann is working in the area of formal methods in computer security. He uses automated reasoning techniques to verify the correctness of protocols, cryptographic constructions and hardware designs. He also employs cryptographic methods, game theoretic models and automated planning. He has evaluated various protocol designs and is a main contributor to tamarin, maintaining the SAPIC calculus to support the analysis of stateful protocols such as Security APIs.

Community service

organisation committee	IEEE CSF 2011
program committee	BASS@ARES 2019, SEC@SAC 2019—2021, CSF 2019—2020
external reviewer	CCS 2019, IEEE S&P 2018, Foundations and Trends in Privacy and Security (2018), ACM CSS 2018, CPAR 2018, USENIX 2017, IEEE S&P 2017, IEEE EuroS&P 2017, SSR 2015, AsiaCCS 2015, CCS 2014, ESORICS 2013, CSF 2013, ACNS'12