

Prof. Dr.-Ing. habil. Erik Buchmann

Erik Buchmann received his PhD in the research area of collaborative peer-to-peer data structures from the Technical University of Magdeburg, Germany, in 2006. From 2007 to 2015, he was head of the young researcher group „Privacy Awareness in Information Systems“ at Karlsruhe Institute of Technology. He was a visiting lecturer at Technical University of Kaiserslautern, and a substitute professor and visiting researcher at Technical University of Saarbrücken. In 2016, he completed his habilitation at Karlsruhe Institute of Technology. Since 2016, Erik Buchmann holds the chair for



data privacy and security in information systems at Hochschule für Telekommunikation Leipzig. Starting in April 2022, he will be a full professor for data privacy and security with a focus on AI and big data applications at Leipzig University, Germany.

Erik Buchmann is author of more than 100 publications. His interests include data management, privacy and security issues of sensor data, particularly in the Internet of Things. With this focus, Erik Buchmann has participated in many IARIA events since 2012, as an author (including best paper awards), reviewer, session chair and keynote speaker. Three prominent examples of his work published at IARIA conferences are:

- ▶ BUCHMANN, Erik; HARTMANN, Andreas; *Identifying Long-Term Risks of the Internet of Things*. In: Proceedings of the 14th International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies (UBICOMM'20), 2020
- ▶ BUCHMANN, Erik; WAGNER, Jens; *SEAM: Swarm Algorithms for Energy Allocation in Microgrids*. In: Proceedings of the 7th International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (ENERGY'17), 2017
- ▶ BUCHMANN, Erik; BÖHM, Klemens; *How Much do Digital Natives Disclose on the Internet - A Privacy Study*. In: Proceedings of the 2nd International Conference on Social Eco-Informatics (SOTICS'12), 2012