Short Bio Prof. Dr.-Ing. Hans-Joachim Hof

Hans-Joachim Hof is an experienced lead researcher with a demonstrated history of working in the computer and network security industry. He is a full professor at the Technical University of Ingolstadt (Technische Hochschule Ingolstadt) where he leads the research group "Security in Mobility" in the CARISSMA Institute for Electric, Connected, and Secure Mobility. His research group currently focuses on artificial intelligence for secure automotive software and security controls for vehicles.

Since 2019, Hans-Joachim is vice president of the Technical University of Ingolstadt. His responsibilities include leading the centre of entrepreneurship, leading the centre for digital teaching and learning as well as the further development of the Technische Hochschule Ingolstadt.

Hans-Joachim is a member of the board of the German Computer Society (Gesellschaft für Informatik) as well as a member of the board of the German Chapter of the ACM.

From 2011 till 2016, Hans-Joachim used to be a full professor at the Munich University of Applied Sciences. He led the MuSe - Munich IT Security Research Group. Well-recognized work of his group includes Secure Scrum.

Before his return to academia, Hans-Joachim was a Research Scientist in the research centre Corporate Technology of the Siemens AG in Munich, Germany. His focus was on security for the Internet of Things as well as protection for smart grids and industrial networks. Well-recognized work from his time at Siemens include early work on secure wake-up receivers for wireless nodes.

Hans-Joachim received a diploma degree (M.Sc.) in Computer Science as well as a Dr.-Ing. (PhD) from the Computer Science Department of the University of Karlsruhe, Germany (now: Karlsruhe Institute of Technology). During his time at the university, Hans-Joachim researched IT security in ad-hoc and sensor networks. Well-recognized work from this time includes his work on cluster-based security architectures as well as secure bootstrapping of peer-to-peer networks.