# Dr. Joachim Posegga

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## Biography

Joachim Posegga received his diploma in computer science in 1987 from the University of Kaiserslautern. He then worked for two years for the R&D Division of AEG Informationstechnik in Konstanz on pattern recognition techniques.

In 1988 he joined the Department of Computer Science at Karlsruhe University as a research assistant and PhD student. His main research interests were Deduction System and formal methods. He moved to the Department of Artificial Intelligence at the University of Edinburgh as a visiting researcher in 1990 and came back to Karlsruhe in 1991. He received his PhD from the University of Karlsruhe in 1993 with a thesis covering the relation between Binary Decision Diagrams and Tableau-based calculi.

In 1995 he joined the IT security research branch of Deutsche Telekom, where he was in charge of several security-related research projects on Java security, Java smart cards, and Jini.

Since 2000 Joachim Posegga is in charge of security activities of SAP Corporate Research; his focus is Mobile Security for wireless networks (GSM, 3G), secure mobile transactions, and smart card technology.

## Recent Publications

Roger Kehr, Joachim Posegga, Roland Schmitz, and Peter Windirsch: *Mobile Security for Internet Applications.* Arbeitskonferenz Kommunikationssicherheit 2001, Springer LNCS, Springer-Verlag, 2001.

Scott Guthery, Roger Kehr, and Joachim Posegga: *How to turn a GSM SIM into a Web server - Projecting Mobile Trust onto the World Wide Web.* In: Josep Domingo-Ferrer et. al., editor, Proc. CARDIS 2000, Kluwer, 2000.

Günter Karjoth and Joachim Posegga: *Mobile Agents and Telcos' Nightmares.* Annales des Telecomunication, special issue on communications security, 2000.

Joachim Posegga: *Secure Mobile Commerce: A Plug an Pay Approach.* Proc. Micro.tec 2000, EXPO, Hannover, September 2000, VDE Verlag.

Roger Kehr, Joachim Posegga, and Harald Vogt: *PCA - The Personal Card Assistant.* In Rainer Baumgart, editor, CQRE-Secure, Springer Verlag, 1999.