

Moving Ahead

Vision.Human.Work.



Kai Rannenberg

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Kai Rannenberg holds the Deutsche Telekom Chair of Mobile Business & Multilateral Security at Goethe University Frankfurt since 2002. Before he was working with the System Security Group at Microsoft Research Cambridge on „Personal Security Devices & Privacy Technologies“. 1993-1999 Kai coordinated the interdisciplinary “Kolleg Security in Communication Technology”, sponsored by Gottlieb Daimler & Karl Benz Foundation researching Multilateral Security. In parallel he did his PhD at Freiburg University on IT Security Evaluation Criteria and the protection of users and subscribers. Before Kai had completed an Informatics-Diploma (Master) at TU Berlin with a focus on privacy, security, and distributed and real-time systems. Since 1991 Kai is active in ISO/IEC standardization in JTC 1/SC 27/WG 3 “Security evaluation criteria”. 2007 he became Convenor of SC 27/WG 5 “Identity management and privacy technologies”. In July 2015 Kai Rannenberg became the Chair of the Strategic Advisory Group on Industry 4.0/Smart manufacturing of the ISO Technical Management Board. Since October 2015 Kai is an IFIP Vice President; before he was an IFIP Councillor since 2009. Since 2014 he is Chair of the IFIP Publications Committee and Editor-in-chief of the IFIP Advances in Information and Communication Technology.

From 2007 till 2013 Kai chaired IFIP TC-11 “Security and Privacy Protection in Information Processing Systems”, after having been its Vice-Chair since 2001. Kai is also active in the Council of European Professional Informatics Societies (CEPIS) chairing its Legal & Security Issues Special Interest Network (LSI) since 2003. 2004 till 2013 Kai served as the academic expert in the Management Board of the European Network and Information Security Agency, and is now a member of ENISA’s Permanent Stakeholder Group. Kai’s awards include the IFIP Silver Core, the Alcatel SEL Foundation Dissertation Award and the Friedrich-August-von-Hayek-Preis of Freiburg University and Deutsche Bank. Kai has been coordinating several leading EU research projects, e.g. the Network of Excellence “Future of Identity in the Information Society” and the Integrated Project “Attribute based Credentials for Trust” (ABC4Trust).

Kai’s research interests include:

- Mobile and embedded systems and Multilateral Security in e.g. M-Business, LBS, cars, and industrial applications
- Privacy and identity management, especially attribute based authorisation
- Communication infrastructures and devices, e.g. personal security assistants and services;
- Security and privacy standardisation, evaluation, and certification.