Curriculum Vitae
Prof. Dr.-Ing. Eric Sax



01.10.2014-present
Head of the Institute of Information Processing Technologies (ITIV)
Director at the Research Center for Information Technology (FZI),
Division ESS (Electronic Systems and Sensors)
KIT expert for Autonomous Driving
Supervisor of more than 50 PhD candidates

01.12.2009-30.09.2014
Head of Electrical/Electronic Development at Daimler Buses
Overall responsibility for all E/E systems and components, diagnostics and wiring harnesses for buses of the brands Setra and Mercedes (city, coach and intercity buses)
Process and architecture responsibility for E/E systems
Responsibility for high-voltage systems (including HV battery and fuel cell) and electric drivetrains
Worldwide E/E responsibility for Daimler Buses (including chassis)
Key locations: Istanbul, São Paulo, Chennai

01.10.2002-30.11.2009
Founder and later Head of the "Component Testing" team and subsequently the "Test Engineering" department at the MBtech Group
(at that time a 100% engineering subsidiary of Daimler AG)
Focus: automated testing of ECUs in the automotive industry across all vehicle domains (body, chassis, powertrain, telematics)
Introduction of Hardware-in-the-Loop (HiL) technology at ECU level
Operational test responsibility for HiL testing at Daimler across all vehicle divisions (passenger cars, vans, trucks, buses)
Process orientation from specification to vehicle testing
Tool responsibility for XiL tests (incl. PROVEtech toolchain)
Responsibility for building up the Electronics Solutions business unit in the Czech Republic
Chair of the steering committee and interim project manager for E/E development of the AMG BR197 (SLS)

01.10.1993-30.09.2002
Research Associate and later Head of the Electronic Systems and Microsystems (ESM) group at the Research Center for Information Technology (FZI), Karlsruhe
Core areas: embedded systems, model-based ECU development, automated testing
Execution of bilateral projects with European automotive manufacturers and suppliers in the fields of standard operating systems, automatic code generation, test description, etc.
Coordination and management of national and European collaborative projects in the areas of embedded systems, distributed engineering, etc.

PhD, 1999 (Faculty of Electrical Engineering, University of Karlsruhe)

Diploma in Electrical Engineering, 1993 (University of Karlsruhe)

Current Senior Positions and Roles
Head of the Institute for Information Processing Technology (ITIV)
Dean of the Faculty of Electrical Engineering and Information Technology
Member of the KIT Senate
Director of the Innovation Campus Mobility of KIT and the University of Stuttgart
Director of the Research Center for Computer Science
Director of the International Department, Business School of KIT