

CURRICULUM VITAE

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Professional Career

- As of 2014 Member of the Board of Directors of KIT, Head of Division "Natural and Build Environment", including responsibility for faculties (schools) on Civil engineering, Geosciences, Environment sciences and Architecture and large Helmholtz research programs Renewable energies (EE), Energy efficiency (EMR) and Atmospheric and climate research (ATMO)
- 2011 – 2013 Chief Science Officer (CSO, Bereichsvorstand), Karlsruhe Institute of Technology (KIT: some 9.500 staff and some 870 mio Euro budget) – KIT is a merger of the Technical University Karlsruhe and the Forschungszentrum Karlsruhe
- 2006 – 2010 Research Director for Energy and Environment Programs, Forschungszentrum Karlsruhe GmbH (National Lab)
- 1994 – 2006 Director General Management, Fraunhofer Institute for Chemical Technology (ICT), Deputy director Environmental Engineering department (ICT)
- 1998 – 2000 Co-ordinator Fraunhofer Center for Energy and Environment, Pittsburgh, Pennsylvania, USA
- 1989 – 1994 Department director "Materials Physics, Characterization and Testing", Member of the Institute Steering Committee ILA, also teaming-up with the CEO in the change management process of ICT
- 1987 – 1989 Group leader "Environmental qualification", Deputy director of "Materials Physics", Assistant to the institute's CEO, Fraunhofer ICT
- 1980 – 1987 Research fellow, project leader environmental engineering, Fraunhofer ICT

Honorary Duties

- Since 2014 German Physics Society (DPG): Deputy chairman Energy WG,
- Since 2013 German Physics Society (DPG): Presidents Advisory Council on Science Communication
- Since 2010 Chairman of EIT KIC InnoEnergy SE
- 2009 – 2012 Helmholtz Topic Speaker on Bioenergy
- Since 2009 German Physics Society (DPG), Energy committee
- Since 2008 Co-Coordinator of Helmholtz Alliance on Sustainable BioEconomy
- Since 2008 KIT Scientific Speaker on Renewable Energy
- 2006 – 2009 Scientific Speaker of the Helmholtz Program "Environment, Sustainability and Technology"
- Since 2005 President "Gesellschaft für Umweltsimulation" (Association for Environmental Engineering)
- Since 2004 Lecturer on Sustainable Product Engineering, Technical University of Stuttgart, SIMT, and KIT; Lecturer on Environmental Engineering, Technical University of Nürnberg (Nuremberg)

Awards

- 2012 Member of the Honorary Senate of the German Standardization Institute DIN
- 2012 Fraunhofer Airbag Award for his overall contributions to airbag technologies
- 2007 IPASS Award (France) for merits on the development of airbag technology
- 2006 Fraunhofer Airbag Award for the establishment of the world largest AIRBAG Symposium
- 2004 DIN Ehrennadel (Honor Pin) for outstanding contributions to standardization
- 2003 Fellow of the USA Institute of Environmental Sciences and Technology IEST

Academic Background and Education

- 1987 Dr.-Ing.; Ph.D. Thesis: "A Contribution to the Analysis of Transportation Loads"
- 1971-1979 Studies of Physics (Diploma), University of Karlsruhe (TH)