

Curriculum Vitae

Prof. Dr. Hartmut Schmeck



PERSONAL INFORMATION

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Email: schmeck@kit.edu
Date of Birth: 23 July 1950
Citizenship: German

ACM Senior Member
IEEE Senior Member
GI Member

EDUCATION

1/1990 Habilitation, Universität Kiel, Thesis title: "Modellierung und Bewertung von VLSI-Algorithmen" (*Modeling and Evaluation of VLSI Algorithms*) Venia legendi in Informatics
6/1981 Dr. rer. nat. in Informatics, Universität Kiel
Thesis title: "Algebraische Charakterisierung von Flussdiagrammen" (*Algebraic Characterisation of Flow Diagrams*)
Advisor: Prof. Dr. Bodo Schlender
4/1975 Diplom-Informatiker, Universität Kiel
8/72 – 7/73 University of Waterloo, Canada, Computer Science, special graduate student
10/1969 – 4/1975 Universität Kiel, Mathematics and Informatics
6/1969 Abitur, Jungmann-Gymnasium, Eckernförde

EMPLOYMENT HISTORY

since 4/2018 retired Professor of Applied Informatics, Institute AIFB, KIT
2012 – 2015 (co-)Head of Institute of Applied Computer Science, Helmholtz part of KIT
since 2011 Director at FZI Research Center for Information Technology, Karlsruhe

4/1991 – 3/2018	Full Professor of Applied Informatics, Institute AIFB, Universität Karlsruhe (TH) (now Karlsruhe Institute of Technology – KIT)
WS 1990/91	“Lehrstuhlvertretung” (temporary professorship), Universität Münster
1 – 3/1990	Guest Professor, Technical University of Denmark, Lyngby
SS 1989	“Lehrstuhlvertretung”, Universität Hildesheim
8/1983-7/1984	Visiting Assistant Professor, Queen’s University, Kingston, Canada
5/1975 – 3/1991	Research Associate (“Wissenschaftlicher Mitarbeiter”), Institute of Informatics and Applied Mathematics, Universität Kiel

SELECTED ACTIVITIES

- Research stays at universities in Australia (11/1994 – 4/1995, 9/1997, 1 – 2/2004)
- DFG-Fachgutachter for Computer Engineering (2000 – 2004)
- Coordinator of DFG priority program SPP 1183 “Organic Computing” (2005-2011)
- Chairman of the GI Section on Computer Engineering (2002 – 2006)
- Member of the Extended Board of the Gesellschaft für Informatik (2003 – 2005)
- Editor of it-information technology (Oldenbourg) (2005 - 2015)
- Conference, Workshop, and Program Chair and Co-Chair for several conferences and workshops (a.o. ACM eEnergy 2018, D-A-CH Energieinformatik 2015, ICAC 2011, ATC 2009, BICC 2008, BICC 2006, ARCS 2002, RAW 2000, RAW 2001)
- Organizer of several Dagstuhl Seminars (e.g. Dynamically Reconfigurable Architectures (2000, 2003), Organic Computing (2006, 2008, 2011), Smart Grids and Smart Buildings (2015))
- Member of numerous conference program and steering committees
- Dean of the Faculty of Economics and Management, KIT (2000 – 2002)
- Member of the Senate, KIT, since 2006
- Scientific Spokesperson of the KIT-Center Information • Systems • Technologies (2009-2016)

AWARDS

2019 KIT Distinguished Senior Fellow
2016 Heinrich Hertz Prize (from EnBW Foundation)
2013 Faculty Teaching Award (KIT)

PROJECTS (LAST 10 YEARS)

2017 – 2020 C/sells Living Lab Intelligent Energy (BMW)

- 2016 – 2019 Kopernikus Project ENSURE – Neue EnergieNetzStruktURen für die Energiewende (BMBF)
- 2015 – 2019 Helmholtz Programme “Supercomputing and Big Data”
- 2015 – 2019 Helmholtz Programme “Storage and Cross-linked Infrastructures”
- 2015 – 2018 grid-control – Advanced Decentral Grid Control (BMW i)
- 2015 – 2018 IILSE – Interoperabilität von induktiven Ladesystemen für E-Pkw (BMW i + BMVBS)
- 2014 – 2015 IMPACT – Integration of sMART Power ConTrollers (EIT Digital)
- 2013 – 2016 CIVIS – Cities as Drivers of Social Change () (EU FP7)
- 2013 – 2015 HEGRID – Hybrid Energy Grid Management (EIT Digital)
- 2013 – 2014 Helmholtz Energy Alliance: Technologies for Future Energy Systems
- 2012 – 2018 KASTEL – Competence Center for Applied Security Technologies (BMBF)
- 2012 – 2017 Leading Edge Cluster “Electric Mobility SouthWest – Road to Global Market”
- 2012 – 2016 LSDMA - Large-Scale Data Management and Analysis (Helmholtz Portfolio Project)
- 2012 – 2014 iZEUS – Intelligent Zero Emission Urban System – ICT for Electromobility II (BMW i)
- 2011 – 2014 CROME – Cross-border Mobility with Electric Vehicles – (BMW i)
- 2009 – 2011 MeRegio Mobile – ICT for Electromobility (BMW i)
- 2008 – 2012 Minimum Emission Regions - MeRegio (BMW i, E-Energy Programme)
- 2008 – 2010 Organic Computing in Off-highway Machines (DFG)
- 2005 – 2011 Coordination of DFG SPP 1183
- 2005 – 2011 Quantitative Emergence, Observation and Control of Collaborative Systems (DFG, Project within SPP 1183)
- 2005 – 2011 Organic Traffic Control (DFG, Project within SPP 1183)

Karlsruhe, March 2020

