Personal information

Surname(s) / First name(s)	**Schieferdecker, Ina Kathrin**
Telephone(s)	+49 151 41 268 423
Email(s)	ina.schieferdecker@web.de
Nationality(-ies)	German
Date of birth	Mar 18, 1967
Gender	female

Current Position

Independent Researcher and Honorary Professor, Software-Based Innovation, Technische Universität Berlin, Germany

Online information

Homepage	https://ischieferdecker.bplaced.net/
Google Scholar	https://scholar.google.de/citations?user=-WDSZfEAAAAJ
ResearchGate	https://www.researchgate.net/profile/Ina_Schieferdecker
LinkedIn	https://de.linkedin.com/in/ina-schieferdecker-7850841
X	https://twitter.com/ischieferdecker

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Professional Career

Febr 2021 – present	Honorary Professor on Software-Based Innovations, Technische Universität Berlin https://www.tu-berlin.de/
Dec 2019 – Nov 2023	Chairwoman of the Supervisory Board, Helmholtz Center for Information Security (CISPA) https://cispa.de/
Nov 2019 – Nov 2023	Supervisory Board Member, Karlsruhe Institute of Technology (KIT) https://www.kit.edu/
Jun 2020 – Jun 2023	Representative of the Federal Administration, Federal Agency for Disruptive Innovation (SPRIND) https://www.sprind.org/
Mar 2020 – Jun 2023	Supervisory Board Member, German Research Center for Artificial Intelligence (DFKI) https://www.dfki.de/
Feb 2020 – Jun 2023	Co-Chair, Helmholtz Research Field Information https://www.helmholtz.de/en/research/research-fields/information/
Oct 2019 – Jun 2023	Director-General – Research for Technological Sovereignty and Innovation, Federal Ministry of Education and Research https://bmbf.bund.de/
May 2018 – Sep 2019	Honorary Member of the Board for R&D, Technologiestiftung Berlin (TSB) https://www.technologiestiftung-berlin.de/
Sept 2017 – Sep 2019	Co-Founding Director of the Weizenbaum Institute for the Networked Society, the German Internet Institute https://www.weizenbaum-institut.de/
Jan 2016 – Sep 2019	Professor on Quality Engineering of Open Distributed Systems, Technische Universität Berlin https://www.tu-berlin.de/
Jan 2015 – Sep 2019	Co-Director of Fraunhofer FOKUS https://www.fokus.fraunhofer.de/

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Sept. 2014	Co-Founder of Ingrano Solutions GmbH
May 2011 – Dec 2014	Professor on Model-Driven Engineering and Quality Assurance of Software-Based Systems at Freie Universität Berlin
Jan 2005 – Dec 2013	Head of the Competence Center for Modeling and Testing at Fraunhofer FOKUS
Nov 2003 – May 2011	Professor on Design and Testing of Communication-Based Systems at Technische Universität Berlin
Sep 2000 – Dec 2006	Co-Founder and CEO of Testing Technologies IST GmbH
Jan 1996 – Dec 2005	Head of Competence Center for Testing, Interoperability and Performance at Fraunhofer FOKUS
Oct 1993 – Dec 1995	Researcher at Fraunhofer FOKUS
Sep 1990 – Aug 1991	PhD Researcher at Humboldt-Universität zu Berlin
Sep 1988 – Aug 1990	Undergraduate Researcher at Humboldt-Universität zu Berlin

Other Research Positions

Oct 2018 – Sep 2019	Member of the Panel of Deutscher Umweltpreis
Jun 2018 – Sep 2019	Member of the Panel of Berliner Wissenschaftspreis
Jan 2018 – Sep 2019	Board Member of Fraunhofer Academy
Jan 2018 – Sep 2019	Member of the Specialist Group for Regulatory Issues of Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen
Nov 2018 – Sep 2019	Member of the Hightech Forum 2025 (HTF)
Dec 2017 – Sep 2019	Member of the Fraunhofer Committee on the Future for the Agenda 2022
Sep 2017 – Sep 2019	Steering Board Member of the Science Platform Sustainability 2030 (wpn)
Oct 2016 – Sep 2019	Research Member on Flagship Report on the Co-Evolution on Digital Transformation and Transformation for Sustainability at German Advisory Council on Global Change (WBGU)
Apr 2016 – May 2018	Member of the DPAC Scientific Advisory Group of Dependable Platforms for Autonomous Systems and Control, Mälardalen University, Sweden
Several stays 2009 – 2011	Guest Researcher on Behavior Engineering, University of Brisbane, Australia

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Oct 2008 – May 2011	Director Integrated Graduate Programme on Human-Centric Communication Cluster (H-C3) at Technische Universität Berlin
Several stays 2004 – 2006	Guest Researcher on Securing Availability by Robust Design, Assessment and Specification (SARDAS), University of Oslo, Norway
Feb 2001	Guest Researcher on Automata-based Test Theory, Centre de recherché informatique de Montreal (CRIM), Montreal, Canada
Apr 1996 – Jun 1996	Guest Researcher on Performance Evaluation of Voice over IP Solutions, International Computer Science Institute (ICSI), Berkeley, USA
Oct 1995 – Oct 2003	Appointed Lecturer on Design and Testing of Telecommunication Systems, Technische Universität Berlin
Jun 1990 – Jul 1990	Guest Researcher on Design and Modelling of Communication Protocols, Charles University of Praha, Department for Computer Science, Praha, Czech

Further Professional Activities

Oct 2020 – present	Honorary Member of German Testing Board (GTB)
Oct 2003 – Sep 2020	Member of GTB
Oct 2020 – present	Scientific Committee Member of the Heidelberg Laureate Forum (HLF)
Dec 2016 – May 2019	Spokesperson Smart City Network Berlin
Oct 2013 – Sep 2019	Research Committee Member of the Münchner Kreis
Feb 2011 – Mar 2013	Steering Committee Member of the IEEE International Conference on Software Testing and Verification (ICST)
Oct 2010 – Oct 2013	Advisory Board Member of the Simula Research Laboratory, Norway
May 2009 – present	ICT Steering Committee Member of the German Academy of Science and Engineering (acatech)
Dec 2006 – present	Editorial Board Member of the International Journal on Software Tools for Technology Transfer (STTT)
Feb 2003 – Sep 2019	Member of the GI Working Group on Software Test, Analysis and Verification (GI TAV)
May 2001 – present	Member of the Assocation for Software Quality and Education (ASQF)
Sep 2015 – 2019	ASQF President

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May 2009 – Sep 2015	ASQF Vice-President
May 2003 – May 2009	ASQF Advisory Board Member
Feb 2001 – Sep 2006	Expert for the UML Testing Profile (UTP) at OMG
	Initiator and Consortium Head
Dec 1998 – Feb 2014	Expert for the Testing and Test Control Notation (TTCN-3) at ETSI
	Rapporteur for Core Language, for TTCN-3 Runtime Interfaces, and for TTCN-3 Control Interfaces
Apr 1998 – Dec 2004	Expert for Message Sequence Charts (MSC) at ITU-T
	Associate Rapporteur at ITU-T SG 10

Research Awards

Oct 2021	Deutscher Preis für Software-Qualität (DPSQ)
Apr. 2019	Most Influential Paper Award at IEEE ICST for "'Testing Embedded Real-Time Systems with TTCN-3"'
Apr 2016	EUREKA Innovation Award for DIAMONDS on Advanced Model-Based Security Testing
Oct 2012 and Oct 2013	ITEA Exhibition Award for DIAMONDS on Advanced Model-Based Security Testing
Feb 2010	Best Paper Award at IARIA eTeleMed on Test Automation in eHealth
Oct 2009	ITEA Exhibition Award for D-MINT on Model-Based Testing
Oct 2005	ITEA Achievement Award for TT-MEDAL on Advanced Test Methodologies
Oct 2004	Alfried-Krupp-Förderpreis für junge Hochschullehrer
May 2003	Best Paper Award at IFIP TestCom 2003 for Distributed Performance and Load Test Architectures
Nov 1991	Joachim-Tiburtius-Award by Senate of Berlin for Diploma Thesis on Simulation Method for Communication Protocols

Non-Project Grants

Mar 2007 – Feb 2014	Vintage Class, Fraunhofer development program for research executives
Feb 2001	Entrepreneurship Development Program, MIT, Boston, USA

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Jul 1993	International Summer School on Temporal Methods in Concurrency at University of Aarhus, Denmark
Aug 1992	NATO International Summer School on Program Design Calculi in Marktoberdorf, Germany
Jan 1990 – Jun 1990	Student Grant for Supplementary Studies at Technische Universität Berlin

Education and training

Sep 1991 – Sep 1993	Technische Universität Berlin, Faculty IV on Electrical Engineering and Computer Science: **Dr.-Ing.** (like PhD) on *Performance-Oriented Specification of Communication Protocols and Verification of Deterministic Bounds of Their QoS Characteristics*, Supervisors Prof. Adam Wolisz and Prof. Radu Popescu-Zeletin
Sep 1985 – Aug 1990	Humboldt-Universität zu Berlin, Department of Mathematics: **Diplom** in Mathematical Computer Science on *The Simulation Data Base - an Analysing Tool for System Prototypes of State-Oriented Specifications*, Supervisor Prof. Joachim Fischer
Sep 1981 – Aug 1985	Heinrich Hertz-Gymnasium, Berlin-Friedrichshain: **Abitur**(qualifying for university admission)

Personal skills and competences

Mother tongue(s)	**German**
Other language(s)	English, Russian, French

Self-assessment
European level[*]

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	A1	A1	A1		
French	A1	A1			

[*]*Common European Framework of Reference (CEF) level*

Additional information

Married, two children (1991, 1994).

Interested in Volleyball, Scuba Diving, Skiing, Music

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