



Personal information

Surname(s) / First name(s)

Prof. Dr.-Ing. MD a.D. Schieferdecker, Ina Kathrin

Telephone(s)

+49 151 41 268 423

Email(s)

ina.schieferdecker@tu-berlin.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>

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	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/
Apr. 2017 – Sept. 2019	Principal Investigator, Einstein Center Digital Future https://www.digital-future.berlin/
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/
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 (wpm)
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
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 recherche 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 Association for Software Quality and Education (ASQF)
Sep 2015 – 2019	ASQF President
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
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 <i>Performance-Oriented Specification of Communication Protocols and Verification of Deterministic Bounds of Their QoS Characteristics</i> , 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 <i>The Simulation Data Base - an Analysing Tool for System Prototypes of State-Oriented Specifications</i> , 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)

Other language(s)

*Self-assessment
European level^(*)*

English

Russian

French

German

English, Russian, French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
A1	A1	A1		
A1	A1			

^(*)Common European Framework of Reference (CEF) level

Additional information

Married, two children (1991, 1994).

Interested in Volleyball, Scuba Diving, Skiing, Music

Bibliography Ina K. Schieferdecker

Books and Booklets

- Fromhold-Eisebith, Martina et al. (2020b). *Rethinking Land in the Anthropocene: from Separation to Integration*. WBGU Flagship Report. Book.
- (2019c). *Our Common Digital Future*. WBGU Flagship Report. Book.
- Schieferdecker, Ina Kathrin et al. (2019). *Handreichung zur Studie: Urbane Datenräume. Möglichkeiten von Datenaustausch und Zusammenarbeit im Urbanen Raum*. Book. Berlin.
- (2018). *Urbane Datenräume. Möglichkeiten von Datenaustausch und Zusammenarbeit im Urbanen Raum*. Book. Berlin.
- Engels, Gregor, Christoph Plass, and Franz-Josef Rammig, eds. (2017). *IT-Plattformen für die Smart Service Welt. Verständnis und Handlungsfelder*. Book.
- Czernomoriez, Henrik et al. (2016). *Netzinfrastrukturen für die Gigabitgesellschaft*. Book. URL: https://www.bmvi.de/SharedDocs/DE/Anlage/Digitales/gigabit-studie.pdf?__blob=publicationFile.
- Bildmayer, Rainer et al., eds. (2014). *Integrierende Informations- und Kommunikationstechnologien (IKT) für die Stadt der Zukunft*. Book.
- Schieferdecker, Ina Kathrin et al. (2014). *Development and Industrial Application of Multi-Domain-Security Testing Technologies. DIAMONDS Schlussbericht. BMBF Verbundprojekt ; Entwicklung und industrielle Anwendung von systemübergreifenden Sicherheitstechnologien ; Schlussbericht für die Projektlaufzeit vom 01.10.2010 bis zum 30.06.2013*. Book. Berlin [u.a.] URL: <http://edok01.tib.uni-hannover.de/edoks/e01fb15/820645028.pdf>.
- Schneider, Martin et al. (2014). *Stand und Trends der Qualitätssicherung von vernetzten eingebetteten Systemen*. Book.
- Klessmann, Jens et al. (2012). *Open Government Data Deutschland. Eine Studie zu Open Government in Deutschland im Auftrag des Bundesministerium des Innern*. Book. Berlin. URL: https://www.bmi.bund.de/SharedDocs/Downloads/DE/Themen/OED_Verwaltung/ModerneVerwaltung/opengovernment.pdf?__blob=publicationFile.
- Zander, Justyna, Ina Kathrin Schieferdecker, and Pieter J. Mosterman, eds. (2012). *Model-based testing for embedded systems*. Vol. 13. Computational analysis, synthesis, and design of dynamic systems. Boca Raton, Flo.: CRC press. ISBN: 9781439818459. URL: <http://site.ebrary.com/lib/alltitles/docDetail.action?docID=10519709>.
- Both, Wolfgang and Ina Kathrin Schieferdecker (2011). *Berliner Open Data Strategie. Organisatorische, rechtliche und technische Aspekte offener Daten in Berlin*. Book. Berlin [u.a.] URL: http://www.berlin.de/projektzukunft/fileadmin/user_upload/pdf/studien/Berliner_Open_Data_Strategie_2012_lang.pdf.
- Schieferdecker, Ina Kathrin, ed. (2011c). *Smart Cities. Deutsche Hochtechnologie für die Stadt der Zukunft - Aufgaben und Chancen*. Book, p. 23. DOI: [10.1007/978-3-642-20736-5](https://doi.org/10.1007/978-3-642-20736-5).
- ed. (2010a). *Entwicklung und Erprobung innovativer Technologien des modellbasierten Tests. BMBF Verbundprojekt D-MINT, Deployment of Model-Based Technologies to Industrial Testing ; Schlussbericht für die Projektlaufzeit vom 1.4.2007 bis zum 31.12.2009*. Book. Stuttgart. URL: <http://edok01.tib.uni-hannover.de/edoks/e01fb11/65960597X.pdf>.
- ed. (2009a). *Inventing Communication. From Communicating Machines to Autonomic Communication. Selected Articles on FOKUS Research on Seamless Communication Infrastructures and I-centric Communication*. Book. Berlin.
- Baker, Paul et al. (2007). *Model-driven testing: Using the UML testing profile*. Berlin, Heidelberg: Springer Science and Business Media. ISBN: 9783540725633. DOI: [10.1007/978-3-540-72563-3](https://doi.org/10.1007/978-3-540-72563-3). URL: <http://site.ebrary.com/lib/alltitles/docDetail.action?docID=10203861>.
- Schieferdecker, Ina Kathrin and Jens Herrmann (2006). *Methoden und Werkzeuge für eine flexible Testplattform basierend auf TTCN-3. und deren Anwendung in der Mobilkommunikations- und Fahrzeugtechnik. BMBF-Verbundprojekt TT-Medal: Tests and Testing Methodologies for Advanced Languages; Schlussbericht für die Projektlaufzeit vom 1.10.2003 bis zum 31.12.2005*. Book. Förderkennzeichen BMBF 01ISC11A/01ISC11D. - Verbund-Nr. 01023940. Stuttgart.

Chapters

- Schieferdecker, Ina Kathrin (2023). “Technologische Souveränität als Mission”. In: *Transformative und agile Innovationssysteme. Neue Praktiken und innovationspolitische Herausforderungen*. Ed. by Matthias Weber et al. Campus Frankfurt / New York. ISBN: 9783593455624. URL: <https://content-select.com/de/portal/media/view/63f49cb4-c228-4d65-aff-4ecbac1b000f>.
- (2021). “2.3 Urbane Datenräume und digitale Gemeingüter – Instrumente für Open Government und mehr”. In: *Praxishandbuch Forschungsdatenmanagement*. Ed. by Markus Putnings, Heike Neuroth, and Janna Neumann. De Gruyter Saur, pp. 175–196. DOI: [doi:10.1515/9783110657807-010](https://doi.org/10.1515/9783110657807-010). URL: <https://doi.org/10.1515/9783110657807-010>.
- (2020). “Responsible Software Engineering”. In: *The Future of Software Quality Assurance*. Ed. by Stephan Goericke. Cham: Springer International Publishing, pp. 137–146. ISBN: 978-3-030-29509-7. DOI: [10.1007/978-3-030-29509-7_11](https://doi.org/10.1007/978-3-030-29509-7_11). URL: https://doi.org/10.1007/978-3-030-29509-7_11.
- Messner, Dirk and Ina Schieferdecker (2019a). “Die digitale Nachhaltigkeitsgesellschaft”. In: *Soziale Marktwirtschaft ökologisch erneuern. Ökologische Innovationen, wirtschaftliche Chancen und soziale Teilhabe in Zeiten des Klimawandels*. Ed. by Ralf Fuecks and Thomas Koehler. Berlin: Konrad-Adenauer-Stiftung, pp. 205–224. ISBN: 9783957215659.
- Schieferdecker, Ina and Tom Ritter (2019). “Advanced Software Engineering”. In: *Digital Transformation*. Ed. by Reimund Neugebauer. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 335–352. ISBN: 978-3-662-58133-9. DOI: [10.1007/978-3-662-58134-6](https://doi.org/10.1007/978-3-662-58134-6).
- Schieferdecker, Ina Kathrin (2019). “Vertrauen in KI-basierte Systeme schaffen”. In: *(Un)ergründlich. Künstliche Intelligenz als Ordnungsstifterin*. Ed. by Karoline Krenn, Simon Hunt, and Peter Parycek. ISBN: 978-3-948582-00-5. URL: <https://publica.fraunhofer.de/bitstreams/29988819-c54a-4d97-88a4-c521ec19b8e3/download>.
- Schieferdecker, Ina Kathrin, Jürgen Großmann, and Martin A. Schneider (2019). “How to Safeguard AI”. In: *The Democratization of Artificial Intelligence. Net Politics in the Era of Learning Algorithms*. Ed. by Andreas Sudmann. transcript Verlag. ISBN: 978-3-8376-4719-8.
- Schieferdecker, Ina Kathrin and Dirk Messner (2019). “Die digitalisierte Nachhaltigkeitsgesellschaft – Chancen und Risiken des Digitalen Zeitalters”. In: *Soziale Marktwirtschaft ökologisch erneuern. Ökologische Innovationen, wirtschaftliche Chancen und soziale Teilhabe in Zeiten des Klimawandels*. Ed. by Ralf Fücks and Thomas Köhler. Konrad-Adenauer-Stiftung e.V. ISBN: 978-3-95721-565-9. URL: [https://www.kas.de/documents/252038/4521287/Soziale+Marktwirtschaft+%C3%B6kologisch+erneuern+\(PDF\).pdf/26dcd9a8-ad25-3b3e-1da3-73e0d73d9f7c?version=1.0%26t=1575542234868](https://www.kas.de/documents/252038/4521287/Soziale+Marktwirtschaft+%C3%B6kologisch+erneuern+(PDF).pdf/26dcd9a8-ad25-3b3e-1da3-73e0d73d9f7c?version=1.0%26t=1575542234868).
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- Felderer, Michael, Jürgen Großmann, and Ina Kathrin Schieferdecker (2018). “Chapter 1: Recent Advances in Classifying Risk-Based Testing Approaches”. In: *Analytic Methods in Systems and Software Testing*. John Wiley & Sons, pp. 3–27. ISBN: 1119271509.
- Schieferdecker, Ina and Tom Ritter (2018). “Advanced Software Engineering”. In: *Digitalisierung: Schlüsseltechnologien für Wirtschaft und Gesellschaft*. Ed. by Reimund Neugebauer. Berlin, Heidelberg: Springer Berlin Heidelberg, pp. 365–383. ISBN: 978-3-662-55890-4. DOI: [10.1007/978-3-662-55890-4_21](https://doi.org/10.1007/978-3-662-55890-4_21).
- Schieferdecker, Ina Kathrin and Dirk Messner (2018). “Die digitalisierte Nachhaltigkeitsgesellschaft”. In: *Deutschland und die Welt 2030: Was sich verändert und wie wir handeln müssen*. Ed. by D. Messner, L. Meyer, and S. Mair. Econ Verlag. ISBN: 9783430202718. URL: <https://deutschland-und-die-welt-2030.de>.
- Schieferdecker, Ina Kathrin, Axel Rennoch, and Michael Wagner (2017). “Quality Engineering für das Internet der Dinge”. In: *Test, Analyse und Verifikation von Software — gestern, heute, morgen*. Ed. by Andreas Spillner, Mario Winter, and Andrej Pietschker. Heidelberg: dpunkt.verlag, pp. 125–138. ISBN: 978-3-86490-470-7.
- Schieferdecker, Ina Kathrin (2015a). “Die Digitalisierung der Stadt”. In: *Research Day 2015 - Stadt der Zukunft, Tagungsband der Beuth Hochschule für Technik Berlin, 21.04.2015*. Mensch und Buch Verlag, pp. 8–9. ISBN: 978-3-86387-595-4. URL: http://www.beuth-hochschule.de/fileadmin/oe/forschung/Research_Day/research_day_2015_tagungsband.pdf.

- Schieferdecker, Ina Kathrin and Walter Mattauch (2013). "Chapter 6. ICT for Smart Cities: Innovative Solutions in the Public Space". In: Zander, Justyna and Pieter J. Mosterman. *Computation for Humanity. Information Technology to Advance Society*. CRC Press, pp. 127–154. ISBN: 978-1-4398-8327-3. URL: <https://www.taylorfrancis.com/chapters/ict-smart-cities-innovative-solutions-public-space-ina-schieferdecker-walter-mattauch/e/10.1201/9781315216751-12>.
- Schieferdecker, Ina Kathrin and Alain-Georges Vouffo-Feudjio (2013). "The Testing and Test Control Notation TTCN-3 and its Use". In: *Formal Methods for Industrial Critical Systems: A Survey of Applications*. Wiley-Blackwell, pp. 205–233. DOI: [10.1002/9781118459898.ch10](https://doi.org/10.1002/9781118459898.ch10).
- Schieferdecker, Ina Kathrin (2012f). "Smart City als Vision oder Mythos. Wie Städte durch Ideen aller lebenswerter werden - eine Reflexion aktueller Wettbewerbe zu Smart-Cities-Applikationen". In: *Urbane Lebenswelten. Ideen für die Stadt der Zukunft*. Ed. by Harald Mahrer and Dietmar Halper. Ed. by Julius Raab Stiftung. Verlag noir, Wien. ISBN: 978-3-9503255-2-2. URL: <https://www.smartcities.at/assets/2013/urbanitaet-komplett.pdf>.
- Buckl, Christian et al. (2011). "Model-Based Analysis and Development of Dependable Systems". In: *Model-Based Engineering of Embedded Real-Time Systems*. Springer, pp. 271–293. ISBN: 978-3-642-16276-3. DOI: [10.1007/978-3-642-16277-0_10](https://doi.org/10.1007/978-3-642-16277-0_10).
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- "Modellbasiertes Testen" (2011). In: *Software Quality Engineering - Ein Leitfaden für bessere Software-Qualität (3. Auflage)*. Ed. by Ernest Wallmüller. Carl Hanser Verlag. ISBN: 978-3446404052.
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- Schieferdecker, Ina Kathrin and Andreas Hoffmann (2010). "Model-Based Testing". In: *Encyclopedia of Software Engineering*. Ed. by Phillip A. Laplante. Auerbach Publications, pp. 556–570. DOI: [10.1081/E-ESE-120044686](https://doi.org/10.1081/E-ESE-120044686).
- Schieferdecker, Ina Kathrin, Axel Rennoch, and Alain Vouffo-Feudjio (2010). "Model-Based Testing: Approaches and Notations". In: *Encyclopedia of Software Engineering*. Ed. by Phillip A. Laplante. Auerbach Publications, pp. 571–576. DOI: [10.1081/E-ESE-120046902](https://doi.org/10.1081/E-ESE-120046902).
- Zander, Justyna and Ina Kathrin Schieferdecker (2009). "Model-Based Testing of Embedded Systems Exemplified for the Automotive Domain". In: *Behavioral Modeling for Embedded Systems and Technologies*. IGI Global, pp. 377–413. DOI: [10.4018/978-1-60566-750-8.ch015](https://doi.org/10.4018/978-1-60566-750-8.ch015).
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- Schieferdecker, Ina Kathrin et al. (2008). "The Test Technology TTCN-3". In: *Formal Methods and Testing*. Springer Science and Business Media, pp. 292–319. ISBN: 978-3-540-78916-1. DOI: [10.1007/978-3-540-78917-8_10](https://doi.org/10.1007/978-3-540-78917-8_10).
- Gross, Hans-Gerhard, Ina Kathrin Schieferdecker, and George Din (2005). "Modeling and Implementation of Built-In Contract Tests". In: *Testing Commercial-off-the-Shelf Components and Systems*. Springer, pp. 195–211. ISBN: 978-3-540-21871-5. DOI: [10.1007/3-540-27071-X_10](https://doi.org/10.1007/3-540-27071-X_10).
- Willig, Andreas and Ina Kathrin Schieferdecker (1995). "Specifying and Verifying the Steam-Boiler Control System with Time Extended LOTOS". In: *Formal Methods for Industrial Applications, Specifying and Programming the Steam Boiler Control (the book grow out of a Dagstuhl Seminar, June 1995)*. Springer Science and Business Media, pp. 473–492. DOI: [10.1007/BFb0027250](https://doi.org/10.1007/BFb0027250).

Articles

- March, Christoph and Ina Schieferdecker (May 2023). “Technological Sovereignty as Ability, Not Autarky”. In: *International Studies Review* 25.2, viad012. ISSN: 1521-9488. DOI: [10.1093/isr/viad012](https://doi.org/10.1093/isr/viad012). URL: <https://doi.org/10.1093/isr/viad012>.
- Tcholtchev, Nikolay and Ina Kathrin Schieferdecker (2021). “Sustainable and Reliable Information and Communication Technology for Resilient Smart Cities”. In: *Smart Cities* 4, no. 1, pp. 156–176. DOI: <https://doi.org/10.3390/smartcities4010009>.
- Lämmel, Philipp et al. (2020). “Metadata Harvesting and Quality Assurance within Open Urban Platforms”. In: *Journal of Data and Information Quality (JDIQ)* 12, no. 4, pp. 1–20. DOI: <https://dl.acm.org/doi/10.1145/3409795>.
- Schieferdecker, Ina Kathrin and Christoph March (2020). “Digitale Innovationen und Technologiesouveränität”. In: *Wirtschaftsdienst*, pp. 30–35. DOI: [10.1007/s10273-020-2612-8](https://doi.org/10.1007/s10273-020-2612-8).
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- Großmann, Jurgen et al. (2019). “A Taxonomy to Assess and Tailor Risk-based Testing in Recent Testing Standards”. In: *IEEE Software*.
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