



Fraunhofer
IESE

FRAUNHOFER INSTITUTE FOR EXPERIMENTAL SOFTWARE ENGINEERING IESE

»SafeAI«

VALIDATING ARTIFICIAL INTELLIGENCE

APPENDIX

PRESENTATIONS, PUBLICATIONS

ANNUAL REPORT
2018
2019





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PROFESSIONAL CONTRIBUTIONS

KEYNOTES

Heidrich J.

Future Skills: Ansätze zur Vermittlung von Data Literacy in der Hochschulbildung
Sektion 4 im Deutschen Bibliotheksverband e. V., Herbstsitzung 2018
Halle, Germany, November 11, 2018

Jedlitschka A.

Digitalisierung und Big Data
Digitalisierung und Big Data,
Bolzano, Italy, April 11, 2018

Ethical issues relating to the application of Big Data
ICA 2018 Forum Programme
Wageringen, The Netherlands,
November 24, 2018

Kuhn T.

Internet of Things and Cyber Physical Systems - A Technological Basis for Industrie 4.0
REV2018
Düsseldorf, Germany, March 23, 2018

Liggesmeyer P.

Chancen der Digitalisierung für den ländlichen Raum
Gut vernetzt
Marburg Germany, August 15, 2018

Modellbasierte Entwicklung cyber-physischer Systeme
Digitalisierung der Wissenschaften
Saarbrücken, Germany, September 15, 2018

Der Deutsche Weinbau
Internationaler DWV-Kongress
Stuttgart, Germany, November 5, 2018

Oliveira Antonino P.

Agriculture 4.0 - Trends and Technologies, Agro 4.0 - Digitization in the Field
Fraunhofer Liaison Office and German Industry and Commerce Chamber
São Paulo, Brazil, August 13, 2018

Agriculture 4.0 - Monitoring and Automation in the Field, Agro 4.0 - Digitization in the Field
Fraunhofer Liaison Office and German Industry and Commerce Chamber
São Paulo, Brazil, August 13, 2019

Rombach D.

Digitale Transformation: Chancen & Risiken
Workshop „Digitale Region Koblenz/Mittelrhein“,
Koblenz, Germany, March 5, 2018

Workshop „Smarter Bendigo - Regional Innovation“
La Trobe University
Bendigo, Australia, April 23-27, 2018

PRESENTATIONS

Akram M.

Dynamic risk assessment for vehicles of higher automation levels by deep learning, Workshop Presentation, WAISE-2018, SAFECOMP 2018 Västerås, Sweden, September 18-21, 2018

Bachorek A.

Towards a Virtual Continuous Integration Platform for Advanced Driving Assistance Systems, Tool Demonstration, IEEE International Conference on Software Architecture (ICSA 2019) Hamburg, Germany, March 25-29, 2019

Towards a Virtual Continuous Integration Platform for Advanced Driving Assistance Systems, Workshop, The Fifth International Workshop on Automotive System/Software Architectures (@ICSA 2019) Hamburg, Germany, March 25, 2019

Bauer T.

Industry 4.0 – Changeable production with production services, Presentation, 6th OOTI Symposium, TU Eindhoven Eindhoven, The Netherlands, October 12, 2018

Bleisinger O.

Modeling in Early Project Phases Using the NATO Architecture Framework (NAF), Tutorial, EMEASEC/TdSE, INCOSE/GfSE Berlin, Germany, November 05, 2018

Braun S.

Digitale Pioniere in ländlichen Regionen: Was macht digitale Teams erfolgreich? Presentation, GI Jahrestreffen #INFORMATIK2018, Gesellschaft für Informatik Berlin, Germany, September 26, 2018

Digitale Pioniere in ländliche Regionen: Was macht digitale Teams erfolgreich? Conference Presentation, INFORMATIK 2018: Jahrestagung der GI, Gesellschaft für Informatik Berlin, Germany, September 26-27, 2018

Die Zukunft klopft an der Bürotür – Arbeiten in der digitalen Zeit, Presentation, Fraunhofer-Erlebniswelt #Zukunftsarbeit, Fraunhofer-Gesellschaft Berlin, Germany, October 10, 2018

Digitale Teams, Impulsvortrag zur Konferenz, Digital Arbeiten auf dem Land, Neuland 21 Berlin, Germany, December 5, 2018

Diebold P.

Evolutionäre Agile Transition - Durch schrittweise Prozessverbesserung zum real-time Kanbanboard, DGQ Bad Kreuznach, Germany, Januar 18, 2018

Embed Agility in a Non-Agile World - an experience report, MeetUp, AgileX-change 1/2018, Cosmos Saarbrücken, Germany, March 22, 2018

Agility meets Regulations - Boon & Bane?!, Workshop Keynote, ASCS @ XP2018, University of Porto Porto, Portugal, May 20, 2018

Scaling Agile - How to select the most appropriate Framework, Workshop Paper Presentation, Scaling Workshop @ XP2018, University of Porto Porto Portugal, May 20, 2018

Agile Entwicklung in regulierten Umgebungen - Integration und Parallelisierung von Entwicklung und Testen, Impulsvortrag, GFFT Technology Race "Software Qualität und Testing", GFFT Nürnberg, Germany, May 29, 2018

Embed Agility in a Non-Agile World - an experience report, Conference Presentation, Scrum Days Stuttgart, Germany, June 13, 2018

Doerr J. & Groen E.

Trends im RE - Barrieren verschwinden, Vortrag auf Tagung, Arbeitstreffen der Softwareforen User Group Requirements Engineering, Softwareforen User Group Requirements Engineering Leipzig, Germany, April 12, 2018

Elberzhager F.

High Quality @ Short Time to Market Scientific Presentation, SWQS 2018 Vienna, Austria, January 18, 2018

„Smart Rural Areas“ und „Smarte Quartiere“ – ganzheitliche Betrachtungen für die Zukunft, Vortrag, Energieforen Leipzig Leipzig, Germany, October 11, 2018

Feth P.

Self-Adaptation for the Resilience of Automated Systems, Research Symposium, Young Researchers Symposium, Nachwuchsring Uni Kaiserslautern Kaiserslautern, Germany, June 22, 2018

Guzman L.

Analyse von organisationsübergreifenden Big-Data-Geschäftspotenzialen – Erfahrungen in der Automobilbranche, Conference, BDSummit2017, BITKOM e.V. Hanau, Germany, June 16, 2018

Collaborative Analysis In Smart Ecosystems, Presentation, Smarter Mittelstand Convent.de Duisburg, Germany, September 18, 2018

Heidrich J.

Data-Literacy-Studie: Ansätze zur Vermittlung digitaler Kompetenzen in der Hochschulausbildung, Presentation, BMBF Fachgespräch Data Science und Data Literacy, BMBF Berlin, Germany, February 02, 2018

Data Science – Das attraktivste Berufsfeld des 21. Jahrhunderts?, Presentation, Opening of the Berlin Office of Fraunhofer IESE Berlin, Germany, March 01, 2018

Data-Literacy-Studie: Ansätze zur Vermittlung digitaler Kompetenzen in der Hochschulausbildung, Presentation, GI Wirtschaftsbeirat, GI Berlin, Germany, September 27, 2018

Von Data Literacy zu Data Science, Presentation, INFORMATIK 2018, GI Berlin, Germany, September 27, 2018

Future Skills: Ansätze zur Vermittlung von Data Literacy in der Hochschulbildung, Presentation, ABIDA – Assessing Big Data Expertenworkshop ADIBA Kassel, Germany, October 23, 2018

Hess S.

Smart Rural Areas Concept, Presentation, Workshop "Smarter Bendigo - Regional Innovation", La Trobe University Bendigo, Australia, April 23-27, 2018

Hupp S.

Erfahrungen aus der Cross-Plattform-Entwicklung mit Xamarin.Forms, Conference Presentation, Herbstcampus, dpunkt.verlag GmbH Nürnberg, Germany, September 5, 2018

Jedlitschka A.

Guidelines for Reporting Controlled Experiments, Invited Lecture, EMSE Lecture @ UPM, UPM Madrid, Spain, April 01, 2018

How do Practitioners Manage Quality Requirements in Rapid Software Development: A Survey, Presentation, QuaRAP @ RE2018, RE 2018 Banff, Canada, August 21, 2018

Old wine in new bottles?, Lecture, IASESE2018, ESEIW Oulu, Finland, October 10, 2018

Jung C.

Datennutzungskontrolle - Daten teilen, Kontrolle behalten, Presentation, Informationstag "IT-Sicherheit in der Landwirtschaft", teletrust Berlin, Germany, March 5, 2018

Datennutzungskontrolle, Presentation, Datenschutzgrundverordnung: "Wer nicht handelt, haftet", BVMW Westpfalz Kaiserslautern, Germany, April 18, 2018

MYDATA Control Technologies, Presentation, it-sa - The IT Security Expo and Congress, ITSA2018 Nürnberg, Germany, October 11, 2018

Kläs M.

Uncertainty in Machine Learning Applications - A Practice-Driven Classification of Uncertainty, Workshop, "First International Workshop on Artificial Intelligence, Safety Engineering (WAISE) @ SAFECOMP Conference" Västerås, Sweden, September 18, 2018

Koch M.

Decision Support for Smart Ecosystem Evolution, Conference Presentation (Doctoral Symposium), 26th International Requirements Engineering Conference (RE), IEEE Banff, Canada, August 21, 2018

Towards Ubiquitous RE: A Perspective on Requirements Engineering in the Era of Digital Transformation, Conference Presentation, 26th International Requirements Engineering Conference (RE), IEEE Banff, Canada, August 23, 2018

Jenseits von Workshops: Neue Wege zur Einbindung von Nutzern, Conference Presentation, Fachgruppentreffen Requirements Engineering, GI Nürnberg, Germany, November 29, 2018

Kuhn T.

Künstliche Intelligenz in der Industrie 4.0, Presentation, AKADEMIETAGE Landkreis Biberach 2019, Landratsamt Biberach, Biberach an der Riß, Germany, February 7, 2019

BaSys 4.0, Presentation, BaSys 4.0 on Tour, Ministerium für Wirtschaft, Verkehr, Landwirtschaft und Weinbau Mainz, Germany, February 12, 2019

BaSys 4.1, Presentation, BaSys 4.0 on Tour, Ministerium für Wirtschaft, Verkehr, Landwirtschaft und Weinbau Berlin, Germany, February 19, 2019

Karrieremöglichkeiten @ Fraunhofer IESE, Presentation, Kamingespräch ISGS, University of Kaiserslautern Kaiserslautern, Germany, March 7, 2018

Embedded Systems in der Digitalisierung Presentation, Branchengespräch: Embedded Systems, Ministerium für Wirtschaft, Verkehr, Landwirtschaft und Weinbau, Mainz, Germany, March 13, 2018

BaSys 4.2, Presentation, BaSys 4.0 on Tour @Hannover Messe 2019, Ministerium für Wirtschaft, Verkehr, Landwirtschaft und Weinbau Hannover, Germany, April 2, 2019

Verwaltungsschalenkonzepte I4.0, Presentation, Verwaltungsschale Konkret Sounding Board, ZVEI -Zentralverband Elektrotechnik- und Elektronikindustrie Frankfurt/Main, Germany, April 12, 2018

BaSys 4.0, Presentation,
Hannover Messe 2018, Deutsche Messe
AG
Hannover, Germany, April 24, 2018

Automated Scenario-based Evaluation
of Embedded - Software and System
Architectures, Presentation,
IEEE Computing 2018, IEEE
London, UK, June 9-12, 2018

Industrie 4.0, Panel Presentation,
China-Germany Intelligent Industry
Development Forum, local government
of the city of Liuzhou
Liuzhou, China, June 21, 2018

BaSys 4.0 Making Industry 4.0 easy,
Presentation, SAP on NetApp Summit
2018, NetApp
Paris, France, September 18, 2018

BaSys 4.0, Presentation,
BaSys 4.0 on Tour, Ministerium für
Wirtschaft, Verkehr, Landwirtschaft und
Weinbau
Mainz, Germany, October 16, 2018

BaSys 4.0, Presentation,
BaSys 4.0 on Tour, Ministerium für
Wirtschaft, Verkehr, Landwirtschaft und
Weinbau
Berlin, Germany, October 18, 2018

BaSys 4.0, Presentation,
BaSys 4.0 on Tour, Ministerium für
Wirtschaft, Verkehr, Landwirtschaft und
Weinbau
Germany, October 23, 2018

Lara García-Casarrubios A.

Erfahrungen aus der Cross-Plattform-
Entwicklung mit Xamarin.Forms, Confer-
ence Presentation, Herbstcampus,
dpunkt.verlag GmbH
Nürnberg, Germany, September 5, 2018

Lerner D.

Mehrbenutzer-Virtual Reality (VR) im
immersiven Classroom für die berufliche
Bildung, Presentation, Learntec 2018,
Karlsruhe Messe und Kongresse, Bitkom
Karlsruhe, Germany, January 31, 2018

Das Projekt EPICSAVE – kollaboratives
Lernen und Erleben in Mehrbenutzer-
Virtual Reality für die berufliche Bildung.
Die didaktische Konzeption,
Presentation, eQualification, BMBF
Berlin, Germany, March 6, 2018

Teambasiertes Simulationstraining in
einer Virtual Reality-Lernumgebung,
Presentation, eDay 2018, University of
Duisburg-Essen
Essen, Germany, March 24, 2018

A Multi-User Virtual Reality-Simulation
for Paramedics, Workshop, Combat
Medical Care Conference - CMC,
Deutsche Gesellschaft für Wehrmedizin
und Wehrpharmazie e. V.
Neu-Ulm, Germany, June 14, 2018

Luiz T.

Notfälle bei allein lebenden Senioren.
Erfahrungen des Notfallmediziners,
Presentation, AAL-Symposium
Fraunhofer IESE
Kaiserslautern, Germany, January 25,
2018

Simulation in der notfallmedizinischen
Ausbildung: gestern – heute – morgen,
Presentation, Öffentliche Antrittsvor-
lesung, Universitätsklinikum Mannheim,
Mannheim, Germany, February 8, 2018

Ambient Assisted Living (AAL),
Invited Lecture - Presentation,
Bad Boll Reanimationsgespräche,
Deutsches Reanimationsregister -
Deutsche Gesellschaft für Anästhesiolo-
gie und Intensivmedizin
Bad Boll, Germany, February 21, 2018

EPICSAVE- virtuelles Notfalltraining,
Workshop, Nacht die Wissen schafft,
Fraunhofer IESE
Kaiserslautern, Germany, April 13, 2018

Status quo der strukturierten Notru-
fabfrage in Deutschland, Free Paper
Session Presentation, Wissenschaftliche
Arbeitstage Notfallmedizin, Deutsche
Gesellschaft für Anästhesiologie und
Intensivmedizin
Kiel, Germany, May 2, 2018

Neue innovative Versorgungsstruk-
turen, Invited Lecture - Presentation,
Gesamtleitertagung DRK Landesverband
Rheinland-Pfalz, DRK Landesverband
Rheinland-Pfalz
Mainz, Germany, May 09, 2018

Virtual Reality in der notfallmedizinischen
Aus-, Fort- und Weiterbildung,
Invited Lecture - Presentation, Monats-
fortbildung - Medical Informatics Group,
Universitätsklinikum Frankfurt
Frankfurt, Germany, May 17, 2018

Digitale Medien in Gesundheitsberufen
am Beispiel des Projekts EPICSAVE, In-
vited Lecture - Presentation, BiBB-Kon-
gress, Bundesinstitut für Berufsbildung
Berlin, Germany, June 08, 2018

Organisation und Rechtsgrundlagen
des Rettungsdienstes, Invited Lecture
- Presentation, Kursus zur Erlangung
der Zusatzbezeichnung Notfallmedizin,
BG-Klinik Ludwigshafen und Klinikum
Ludwigshafen
Ludwigshafen, Germany, June 9, 2018

Fahrzeuge des Rettungsdienstes,
Invited Lecture - Presentation, Kursus
zur Erlangung der Zusatzbezeichnung
Notfallmedizin, BG-Klinik Ludwigshafen
und Klinikum Ludwigshafen
Ludwigshafen, Germany, June 9, 2018

EPICSAVE - A multi-user Virtual Reality-Simulation for paramedic education, Invited Lecture - Presentation, Combat Medical Care Conference - CMC Deutsche Gesellschaft für Wehrmedizin und Wehrpharmazie e. V. Neu-Ulm, Germany, June 14, 2018

Anforderung an die Leitstelle aus der Sicht der Notfallmedizin, Invited Lecture - Presentation, Notfallmedizinisches Symposium: „Leitstelle 2020: quo vadis?“, BG-Klinik Ludwigshafen Ludwigshafen, Germany, September 19, 2018

Notfallsanitäterausbildung in virtuellen Welten? Das Project EPICSAVE, Invited Lecture - Presentation, 14. Notfallmedizinisches Landessymposium Rheinland-Pfalz, Westpfalz-Klinikum Kaiserslautern und Ministerium des Innern und für Sport Rheinland-Pfalz Kaiserslautern, Germany, September 29, 2018

Leben retten mit dem Handy? Ergebnisse der smartphone-basierten Ersthelferalarmierung, Invited Lecture - Presentation, Curriculum Notfallmedizin, Westpfalz-Klinikum Kaiserslautern Kaiserslautern, Germany, December 17, 2018

Martinez S.

Measuring Software Quality, Invited Lecture - Presentation, Software Engineering Course, University of Stuttgart, Stuttgart, Germany, February 1, 2018

6th International Workshop on Conducting Empirical Studies in Industry, Workshop, CESI@ICSE, ICSE Gotenburg, Sweden, May 28, 2018

Q-Rapids: A data-driven solution for quality-aware rapid and agile software development, Invited talk, Seminario do LabES, University of São Paulo (ICMC-USP), São Carlos, Brazil, August 22, 2018

Towards Automated Data Integration in Software Analytics, Paper Presentation, BIRTE@VLDB, BIRTE@VLDB Rio de Janeiro, Brazil, August 27, 2018

Q-Rapids: A data-driven solution for quality-aware rapid and agile software development, Invited Talk, Seminario Federal University of Rio de Janeiro Rio de Janeiro, Brazil, August 31, 2018

Empirical Software Engineering: Experiences from two Industry-Academia Collaborations, Invited Talk, “Cursos de Doctorado, Programa de Actividades Formativas 2018”, University of Almeria Almeria, Spain, October 29-30, 2018

2nd QuASD Workshop: Managing Quality in Agile and Rapid Software Development Processes, Workshop, QuASD@PROFES, PROFES Wolfsburg, Germany, November 28, 2018

Mennig P.

Was verbindet die Digitalen Dörfer mit der Digitalen Stadt?, Presentation, Stadt und Handel - Allianz für Innenstädte, Deutscher Städte- und Gemeindebund Worms, Germany, May 8, 2018

Design Thinking für alle – Lösungsideen für Leben und Arbeiten im ländlichen Raum, Tutorial / Workshop, Silicon Vilstal 2018, Silicon Vilstal Geisenhausen, Germany, September 22, 2018

Müller-Zhang Z.

Changeable Manufacturing Processes using Service-Based Decision-Making and I4.0 Service-Oriented Architecture, Presentation, 12th European Conference on Software Architecture (ECSA 2018) PhD Symposium Madrid, Spain, September 24-28, 2018

Naab M.

Wie finden Softwarearchitekten den Weg zu User Experience? Mit Google Maps!, Conference Presentation, OOP 2018 - Software Meets Business, SIGS DATACOM Munich, Germany, February 7, 2018

Architektur des CARUSO-Ökosystems – Telematik, Daten und Marktplatz digital ins Rollen gebracht, Conference Presentation, OOP 2018 - Software Meets Business, SIGS DATACOM Munich, Germany, February 8, 2018

Architektur des CARUSO-Ökosystems – Telematik, Daten und Marktplatz digital ins Rollen gebracht, Presentation, AccsoCon, Accso Frankfurt, Germany, March 16, 2018

Das CARUSO-Ökosystem – Telematik, Daten und Marktplatz digital ins Rollen gebracht, Presentation, Bitkom AK Plattformen, BITKOM e.V. Berlin, Germany, March 13, 2018

How to Evaluate Software Architectures - Tutorial on Practical Insights on Architecture Evaluation Projects with Industrial Customers, Presentation / Tutorial, ICSA (International Conference on Software Architecture) Seattle, USA, May 1, 2018

Architecting a Software-Based Ecosystem for the Automotive Aftermarket: An Experience Report, Presentation, ICSA (International Conference on Software Architecture) Seattle, USA, May 2, 2018

How do Software Architects find the way to User Experience? With Google Maps!, Presentation, SATURN 2018, SEI Dallas, USA, May 08, 2018

Architecture of the CARUSO Ecosystem – Bringing a Market Place for Car-Related Data and Services to Speed, Presentation, SATURN 2018, SEI Dallas, USA, May 10, 2018

Daten, das neue Öl aus und um Autos: Erfahrungen aus dem Aufbau der Datenplattform Caruso und der Initiierung eines digitalen Ökosystems, Presentation, Knorr Bremse Food for Thought, Knorr Bremse Munich, Germany, July 13, 2018 and at The Architecture Gathering, SIGS DATA COM Munich, Germany, October 11, 2018

Naab, Rost M, D

How to Evaluate Software Architectures - Tutorial on Practical Insights on Architecture Evaluation Projects with Industrial Customers, Tutorial, IEEE International Conference on Software Architecture (ICSA 2018) Seattle, USA, May 1, 2018

Architecting a Software-Based Eco-system for the Automotive Aftermarket: An Experience Report, Conference Presentation, IEEE International Conference on Software Architecture (ICSA 2018) Seattle, USA, May 2, 2018

Nass C.

Was spielt sich in einem Software-Eco-system Wirklich ab? Mach die Ecosystem-Experience greifbar mit Playmobil Presentation / Tutorial, UPA 2018, Mensch und Computer 2018 Dresden, Germany, September 2, 2018

Digital Ecosystem? – Kann ich das mal anfassen?, Presentation, BITKOM AK Software Engineering – Software Engineering der Zukunft, BITKOM AK Software Engineering Kaiserslautern, Germany, September 13, 2018

Digitale Pioniere in ländlichen Regionen: Was macht digitale Teams erfolgreich?, Presentation, GI Jahrestreffen #INFORMATIK2018, Gesellschaft für Informatik, Berlin, Germany, September 26, 2018

Design Thinking für alle – Lösungsideen für Leben und Arbeiten im ländlichen Raum, Tutorial / Workshop, Silicon Vilstal 2018, Silicon Vilstal Geisenhausen, Germany, September 22, 2018

Die Zukunft klopft an der Bürotür – Arbeiten in der digitalen Zeit, Presentation, Fraunhofer-Erlebniswelt #Zukunftsarbeit, Fraunhofer-Gesellschaft Berlin, Germany, October 10, 2018

Ochs M.

Privacy by Design & by Default: Consent Management in digitalen Ökosystemen einfach umsetzen, Presentation, AK Datenschutz, BITKOM e.V. Essen, Germany, March 6, 2018

Digitalisierung am Beispiel HR und Big Data: Chancen und Herausforderungen, Presentation, IG Metall Mülheim IG Metall Mülheim, Germany, April 10, 2018

Open API | Open Data: Potenziale für Geschäftsmodelle und Herausforderungen, Presentation, AK Open API / Open Data, BITKOM e.V. Berlin, Germany, June 7, 2018

Ich will - ich will nicht (mehr): Consent und Privacy Management und Enforcement in Software- und Ökosystemen, Presentation, AK QM & AK Datenschutz, BITKOM e.V. Frankfurt am Main, Germany, October 17, 2018

Polst S.

Digitalisierung der Mobilität: Problemlöser für den ländlichen Raum?, Conference Presentation, Tagung "Mobilitätsstrategien für den ländlichen Raum", Ev. Akademie Locom, Germany, February 15-16, 2018

Was verbindet die Digitalen Dörfer mit der Digitalen Stadt?, Presentation, Stadt und Handel - Allianz für Innenstädte, Deutscher Städte- und Gemeindebund Worms, Germany, May 8, 2018

Rudolph M.

Why Users Ignore Privacy Policies, Conference Presentation, HCI International 2018 Las Vegas, USA, July 18, 2018

MYDATA Control Technologies - Informational Self-Determination through Data Filtering and Masking, Fair Presentation, itsa Messe, Messe Nürnberg Nürnberg, Germany, October 9, 2018

Public Key Infrastructures, Presentation, Invited Lecture in Cryptography Course, Mannheim University of Applied Sciences Mannheim, Germany, December 17, 2018

Scherr S. A.

Acceptance Testing of Mobile Applications – Automated Emotion Tracking for Large User Groups, Conference Presentation, MobileSoft 2018, ACM, IEEE & Sigsoft, Gothenburg, Sweden, May 27-28, 2018

Hör auf deine Nutzer – Qualitätsverbesserung durch leichtgewichtige Analysen, Conference Presentation, 42. TAV Gesellschaft für Informatik Munich, Germany, June 20 - 21, 2018

Using Scenario-based Reading for Testing Mobile Applications with FIT4Apps, Conference Presentation, Quatic 2018 IEEE Wolfsburg, Germany, September 4-7, 2018

Quality Improvement of Mobile Apps – Tool-supported Lightweight Feedback Analyses, Conference Presentation, PROFES 2018 Wolfsburg, Germany, November 28-20, 2018

Schneider J. C.

Zentrale Authentifizierung mit OAuth2 in einem technologisch heterogenen App-Ökosystem, Conference Presentation, Karlsruher Entwicklertag, IHK Karlsruhe
Karlsruhe, Germany, June 21, 2018

SchwarzR.

IUNO: IT-Sicherheit in der Industrie 4.0, Presentation, Fraunhofer Netzwert-Symposium 2018
Munich, Germany, February 27-28, 2018

Theobald S.

Interface Problems of Agile in a Non-Agile Environment, Paper Presentation, XP2018, University of Porto
Porto, Portugal, May 23, 2018

Erfolgreiche agile Projekte benötigen ein agiles Umfeld - Was definiert eine agile Organisation?, Conference Presentation, PVM 2018, GI/GPM
Düsseldorf, Germany, October 16, 2018

Agile Project Management in a Non-Agile Environment, Workshop (2x), PM Summit 2018, PMI Southern Chapter
Munich, Germany, November 12, 2018

Skalierungsframework-Vergleich, Presentation, Bitkom AK PM, Bitkom
Frankfurt, Germany, November 27, 2018

Trapp M.

Wie finden Softwarearchitekten den Weg zu User Experience? Mit Google Maps!, Conference Presentation, OOP 2018 - Software Meets Business, SIGS DATAKOM
Munich, Germany, February 5 - 9, 2018

Power-On User Experience, Presentation, KuBa Kulturzentrum am EuroBahnhof, kreativzentrum.saar
Saarbrücken, Germany, March 3, 2018

How do Software Architects find the way to User Experience? With Google Maps!, Presentation, SATURN 2018, SEI
Dallas, USA, May 08, 2018

Engineering the Digital Future - Plattform Economy and Digital Ecosystems, Presentation, Caruso Partner Connect Veranstaltung 2018, CARUSO
Cologne, Germany, June 7, 2018

Was spielt sich in einem Software-Ecosystem wirklich ab? Mach die Ecosystem-Experience greifbar mit Playmobil
Presentation / Tutorial, UPA 2018
Mensch und Computer 2018
Dresden, Germany, September 2, 2018

Digital Ecosystem? – Kann ich das mal anfassen?, Presentation, BITKOM AK Software Engineering – Software Engineering der Zukunft, BITKOM AK Software Engineering
Kaiserslautern, Germany, September 13, 2018

Digital Ecosystems & Digital Designer - Neue Designer braucht das Land, Presentation, UX-DAY 2018, Hochschule Mannheim, UIG Usability in Germany, kuehlhaus
Mannheim, Germany, October 11, 2018

Engineering the Digital Future: Radikal. Digital. Phänomenal., Presentation, GVA Kongress 2018, GVA
Hannover, Germany, November 21, 2018

Weitzel B.

Erfahrungsbericht aus der Entwicklung von PaaS basierten Cloud-Systemen, Presentation, Hybrid Cloud Conference, VW AutoUni
Wolfsburg, Germany, August 28, 2018

Entwicklung eines ereignisorientierten App-Ökosystems mit Spring Boot, Xamarin, AWS und Azure, Presentation, Herbstcampus, dpunkt.verlag
Nürnberg, Germany, September 05, 2018

Towards a Digital Ecosystem for Rural Areas: Experiences from Three Years of Development, Presentation, PROFES 2018
Wolfsburg, Germany, November 29, 2018

Zehler T.

Integriertes Projektmanagement am BAAINBw: Überblick und Vorstellung erster PM-Komponenten, Presentation, Besonderheiten im Projektmanagement bei der Beschaffung von Waffensystemen und Munition, Bildungszentrum der Bundeswehr (BiZBw)
Koblenz, Germany, March 28, 2018

Ergebnisse der Reifegradanalyse Risikomanagement, Presentation, BMVg Sts Zimmer
Berlin, Germany, September 12, 2018

Agiles Anforderungsmanagement für agile Projekte, Workshop, Bitkom AK PM Bitkom
Berlin, Germany, September 25, 2018

Integriertes Projektmanagement am BAAINBw: Überblick und Vorstellung erster PM-Komponenten, Presentation, Besonderheiten im Projektmanagement bei der Beschaffung von Waffensystemen und Munition, Bildungszentrum der Bundeswehr (BiZBw)
Koblenz, Germany, September 26, 2018

Ergebnisse aus der Umfrage Reifegradanalyse Risikomanagement, Presentation, BAAINBw Risikomanager-Tag 2018, BAAINBw OS3
Koblenz, Germany, November 27, 2018

SCIENTIFIC CONTRIBUTIONS²

BOOKS

Kaczorowski, Willi; **Swarat, Gerald**:
Smartes Land: Von der Smart City zur Digitalen Region:
Impulse für die Digitalisierung ländlicher Regionen.
Glückstadt: Werner Hülsbusch, 2018, 182 p.
(Schriftenreihe des Innovators Club - Deutschlandforum Ver-
waltungsmodernisierung, 8)
ISBN 3-86488-136-6
ISBN 978-3-86488-136-7

ARTICLES IN BOOKS

Streitferdt, D.; Kantz, F.; Nenninger, P.; Ruschival, T.; Kaul, H.;
Bauer, T.; Hussain, T.; Eschbach, R.:
Model-Based Testing of Highly Configurable Embedded Sys-
tems.
In: Information Resources Management Association -I RMA -:
Computer Systems and Software Engineering: Concepts,
Methodologies, Tools, and Applications
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