

## Journal Articles (refereed)

1. Daun, M.; Brings, J., Weyer, T.: **Model inspections in the engineering of collaborative cyber-physical systems with instance-level review diagrams.** Journal on Software Evolution and Process, John Wiley & Sons. 2021;e2392. IF 1.972
2. Weyer, T.; Daun, M.; Tenbergen, B.: **The Changing World and the Adapting Machine: How Digital Transformation Changes Requirements Engineering in the Embedded and Cyber-Physical Systems Industry.** IEEE Software 38(5): 83-91 (2021). IF 2.589
3. Brings, J.; Daun, M.; Weyer, T.; Pohl, K.: **Analyzing goal variability in cyber-physical system networks.** SIGAPP Applied Computing Reviews 20(2), ACM, 2020, 19-35.
4. Brings, J.; Daun, M.; Keller, K.; Aluko Obe, P.; Weyer, T.: **A systematic map on verification and validation of emergent behavior in software engineering research.** Future Generation Computer Systems (FGCS) 112:1010-1037, Elsevier, 2020. IF 6.125
5. Tenbergen, B.; Weyer, T.: **Generation of Hazard Relation Diagrams: Formalization and Tool Support.** Software and Systems Modeling (SoSyM), 20(1), Springer (2021), 175-210. IF 1.915
6. Bandyzsak, T.; Daun, M.; Tenbergen, B.; Kuhs, P.; Wolf, S.; Weyer, T.: **Orthogonal Uncertainty Modeling in the Engineering of Cyber-Physical Systems.** IEEE Transactions on Automation Science and Engineering, 17(3), IEEE (2020), 1250-1265. IF 6.836
7. Daun, M.; Weyer, T.; Pohl, K.: **Improving manual reviews in function-centered engineering of embedded software using automatically generated review models.** Software and Systems Modeling (SoSyM), 18(6), Springer (2019), 3421-3459. IF 1.915
8. Brings, J.; Daun, M.; Bandyzsak, T.; Stricker, V.; Weyer, T.; Mirzaei, E.; Neumann, M.; Zernickel, J. S.: **Model-based Documentation of dynamicity constraints for collaborative cyber-physical system architectures: Findings from an industrial case study.** Journal of Systems Architecture (JSA), Elsevier (2019), 97, 153-167. IF 2.552
9. Méndez Fernández, D.; Böhm, W.; Vogelsang, A.; Mund, J.; Broy, M.; Kuhrmann, M.; Weyer, T.: **Artefacts in Software Engineering: A Fundamental Positioning.** Software and Systems Modeling (SoSyM), Expert's Voice, 18(5), Springer (2019), 2777-2786. IF 1.915

10. Brings, J.; Daun, M.; Brinckmann, S.; Keller, K.; Weyer, T.: **Approaches, Success Factors, and Barriers for Technology Transfer in Software Engineering: Results of a Systematic Literature Review**. Journal of Software: Evolution and Process (JSEP) **30**(11), Wiley (2018), e1981. IF 1.178
11. Tenbergen, B.; Weyer, T.; Pohl, K.: **Hazard Relation Diagrams: A diagrammatic representation to increase validation objectivity of requirements-based hazard mitigations**. Requirements Engineering (REJ) **23**(2), Springer (2018), 291-329. IF 2.282
12. Tenbergen, B.; Vogelsang, A., Weyer, T.; Froese, A.; Wehrstedt, J. C.; Brandstetter, V.: **Modeling Requirements and Context as a means for Automated Requirements Validation: An Example from the Automation Industry**. Requirements Engineering Magazine, **2016**(2), IREB, Karlsruhe (2016).
13. Brandstetter, V.; Froese, A.; Tenbergen, B.; Vogelsang, A.; Wehrstedt, J. C.; Weyer, T.: **Early Validation of Automation Plant Control Software using Simulation Based on Assumption Modeling and Validation Use Cases**. Complex Systems Informatics and Modeling Quarterly (CSIMQ), **2015**(4), 50-65.
14. Braun, P.; Broy, M.; Houdek, F.; Kirchmayr, M.; Müller, M.; Penzenstadler, B.; Pohl, K.; Weyer, T.: **Guiding Requirements Engineering for software-intensive Embedded Systems in the Automotive Industry**. Computer Science – Research and Development (CSR D) **29**(1), Springer (2014), 21-43.

## Journal Articles (non-refereed)

15. Weyer, T.; Goger, M.; Koch, W.; Kremer, B.: **Einführungsstrategie für ein durchgängiges modellbasiertes Systems Engineering**. ATZ Automobiltechnische Zeitung **123**, 82–87 (2021).
16. Weyer, T.; Goger, M.; Koch, W.; Kremer, B.: **Implementation Strategy for Seamless Model-Based Systems Engineering**. ATZ Worldwide **123**, 66–71 (2021).
17. Daun, M.; Bohn, P.; Brings, J.; Weyer, T.: **Structured Model-Based Engineering of Long-living Embedded Systems**. In: Softwaretechnik-Trends **36**(1), Gesellschaft für Informatik, Bonn, (2016).
18. Geisberger, E.; Kirchmayr, M.; Müller, M.; Weyer, T.: **Entwicklung eines Praxisleitfadens für das modellbasierte Requirements Engineering softwareintensiver eingebetteter Systeme**. In: Softwaretechnik-Trends **29**(1), Gesellschaft für Informatik, Bonn, (2009).

19. Pohl, K.; Weyer, T.: **Requirements Engineering**. In: WISU – Das Wirtschaftsstudium **5**(3), (2005), Lange Verlag, Düsseldorf, 349-355.

## Conference Contributions

20. Daun, M.; Brings, J.; Goger, M.; Koch, W.; Weyer, T.: **Teaching Model-based Requirements Engineering to Industry Professionals: An Experience Report**. 43<sup>rd</sup> International Conference on Software Engineering (ICSE 2021, Madrid, Spanien), Joint Software Engineering Education and Training, ACM, New York, 40-49. *Best Paper Award*
21. Daun, M.; Weyer, T.; Pohl, K.: **Verbesserung manueller Validierungsprozesse von CPS Spezifikationen durch Review-Modelle auf Instanzebene**. Software Engineering 2021, Fachtagung des GI-Fachbereichs Softwaretechnik (SE 2021, Braunschweig), Lecture Notes in Informatics (LNI), P-310, Gesellschaft für Informatik, Bonn, 2021, 33-34.
22. Daun, M.; Brings, J.; Weyer, T.: **Do instance-level review diagrams support validation processes of cyber-physical system specifications? Results from a controlled experiment**. 2020 IEEE/ACM International Conference on Software and System Processes (ICSSP 2020, Seoul, Südkorea), ACM, New York, 2020, 11-20.
23. Brings, J.; Daun, M.; Weyer, T.; Pohl, K.: **Goal-based configuration analysis for networks of collaborative cyber-physical systems**. 35<sup>th</sup> ACM/SIGAPP Symposium on Applied Computing (SAC 2020, Brno, Tschechische Republik), ACM, New York, 2020, 1387-1396.
24. Daun, M.; Weyer, T.; Pohl, K.: **Review-Modelle zur Unterstützung in der funktionszentrierten Entwicklung eingebetteter Systeme**. Software Engineering 2020, Fachtagung des GI-Fachbereichs Softwaretechnik (SE 2020, Innsbruck, Österreich), Lecture Notes in Informatics (LNI), 300, Gesellschaft für Informatik, Bonn, 2020, 39-40.
25. Stenkova, V.; Daun, M.; Brings, J.; Weyer, T.: **Generic negative scenarios for the specification of collaborative cyber-physical systems**. 38<sup>th</sup> International Conference on Conceptual Modeling (ER 2019, Salvador, Bahia, Brazil), Lecture Notes in Computer Science (LNCS), Springer, Cham, 2019, 412-419.
26. Daun, M.; Brings, J.; Krajinski, L.; Weyer, T.: **On the benefits of using dedicated models in validation processes for behavioral specifications**. International Conference on Software and Systems Process (ICSSP 2019 co-located with ICSE 2019, Montréal, Canada), Computer Society, Los Alamitos, 2019, 44-53.

27. Daun, M.; Stenkova, V.; Krajinski, L.; Brings, J.; Bandyszak, T.; Weyer, T.: **Goal modeling for collaborative groups of cyber-physical systems with GRL: Reflections on applicability and limitations based on two studies conducted in industry**. 34<sup>th</sup> ACM Symposium on Applied Computing (SAC 2019, Limassol, Zypern) ACM, New York, 2019, 1600-1609.
28. Weyer, T.; Koziolok, A.: **Preface: REFSQ 2019 Doctoral Symposium**. Joint Proceedings of REFSQ-2019 Workshops, Doctoral Symposium, Live Studies Track, and Poster Track co-located with the 25<sup>th</sup> International Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2019, Essen). CEUR Workshop Proceedings 2376, CEUR-WS.org 2019.
29. Brings, J.; Kempe, M.; Daun, M.; Weyer, T.: **Validierung und Verifikation von emergentem Verhalten im Software Engineering: Ergebnisse eines Vergleichs unterschiedlicher Suchmethoden**. Software Engineering und Software Management 2019 (SE/SWM 2019, Stuttgart), Lecture Notes in Informatics (LNI), 292, Gesellschaft für Informatik, Bonn, 2019, 47-48.
30. Daun, M.; Brings, J.; Keller, K.; Brinckmann, S.; Weyer, T.: **Erfolgreicher Technologietransfer im Software Engineering: Transferansätze, Erfolgsfaktoren und Fallstricke**. Software Engineering und Software Management 2019 (SE/SWM 2019, Stuttgart), Lecture Notes in Informatics (LNI), 292, Gesellschaft für Informatik, Bonn, 2019, 135-136.
31. Keller, K.; Brings, J.; Daun, M.; Weyer, T.: **A comparative analysis of MSC-based requirements specification approaches used in the automotive industry**. 10<sup>th</sup> System Analysis and Modeling Conference (SAM 2018, Kopenhagen, Dänemark), Lecture Notes in Computer Science (LNCS) 11150, Springer, Cham, 2018, 183-201.
32. Bandyszak, T.; Daun, M.; Tenbergen, B.; Weyer, T.: **Model-based Documentation of Context Uncertainty for Collaborative Cyber-Physical Systems: An Approach and Application to an Industry Automation Case Example**. 14<sup>th</sup> IEEE International Conference on Automation Science and Engineering (CASE 2018, München), IEEE Computer Society, Los Alamitos, 2018, 1087-1092.
33. Brings, J.; Kempe, M.; Daun, M.; Weyer, T.: **On Different Search Methods for Systematic Literature Reviews and Maps: Experiences from a Literature Search on Validation and Verification of Emergent Behavior**. 22<sup>nd</sup> International Conference on Evaluation and Assessment in Software Engineering (EASE 2018, Christchurch, Neuseeland), ACM, New York, 2018, 35-45.

34. Tenbergen, B.; Weyer, T.; Pohl, K.: **Hazard Relations Diagrams**. Software Engineering 2018 (SE 2018, Ulm), Lecture Notes in Informatics (LNI) 279, Gesellschaft für Informatik, Bonn, 2018, 137-138.
35. Daun, M.; Brings, J.; Weyer, T.: **On the Impact of the Model-based Representation of Inconsistencies to Manual Reviews: Results from a Controlled Experiment**. 36<sup>th</sup> International Conference on Conceptual Modeling (ER 2017, Valencia, Spanien), Lecture Notes in Computer Science (LNCS) 10650, Springer, Heidelberg, 2017, 466-473.
36. Daun, M.; Salmon, A.; Weyer, T.; Pohl, K.; Tenbergen, B.: **Project-based Learning with Examples from Industry in University Courses**. Software Engineering 2017 (SE 2017, Hannover), Lecture Notes in Informatics (LNI) 267, Gesellschaft für Informatik, Bonn, 2017, 59-60.
37. Bandyszak, T.; Moffie, M.; Goldsteen, A.; Melas, P.; Nasser, B. I.; Kalogiros, C.; Barni, G.; Hartenstein, S.; Giotis, G.; Weyer, T.: **Supporting Coordinated Maintenance of System Trustworthiness and User Trust at Runtime**. 10<sup>th</sup> IFIP International Conference on Trust Management (IFIPTM 2016, Darmstadt), Advances in Information and Communication Technology 473, Springer, Heidelberg, 2016, 96-112.
38. Daun, M.; Tenbergen, B.; Salmon, A.; Weyer, T.; Pohl, K.: **Project-based Learning with Examples from Industry in University Courses: An Experience Report from an Undergraduate Requirements Engineering Course**. 29<sup>th</sup> IEEE International Conference on Software Engineering Education and Training (CSEE&T 2016, Dallas, USA), IEEE Computer Society, Los Alamitos, 2016, 184-193.
39. Daun, M.; Salmon, A.; Bandyszak, T.; Weyer, T.: **Common Threats and Mitigation Strategies in Requirements Engineering Experiments with Student Participant**. 22<sup>th</sup> International Working Conference on Requirements Engineering - Foundation for Software Quality (REFSQ 2016, Göteborg, Schweden), Lecture Notes in Computer Science (LNCS) 9619, Springer, Heidelberg, 2016, 269-285.
40. Daun, M.; Salmon, A.; Weyer, T.; Pohl, K.: **The Impact of Students' Skills and Experiences on Empirical Results: A Controlled Experiment with Undergraduate and Graduate Students**. 19<sup>th</sup> International Conference on Evaluation and Assessment in Software Engineering (EASE 2015, Nanjing, China), ACM, New York, 2015, 29:1-29:6.

41. Bishr, M.; Heinz, C.; Bandyszak, T.; Moffie, M.; Goldsteen, A.; Chen, W.; Weyer, T.; Ionnidis, S.; Kalogiros, C.: **Trust and Trustworthiness Maintenance: From Architecture to Evaluation** (Poster). 8<sup>th</sup> International Conference on Trust and Trustworthy Computing (TRUST 2015, Heraklion, Griechenland), Lecture Notes in Computer Science (LNCS) 9229, Springer, Heidelberg, 2015.
42. Gol Mohammadi, N.; Bandyszak, T.; Goldsteen, A.; Kalogiros, C.; Weyer, T.; Moffie, M.; Nasser, B.; SurrIDGE, M.: **Combining Risk-Management and Computational Approaches for Trustworthiness Evaluation of Socio-Technical Systems**. 27<sup>th</sup> International Conference on Advanced Information Systems Engineering (CAiSE 2015, Stockholm, Schweden), Forum, CEUR Proceedings 1367, 2015, 237-244.
43. Brandstetter, V.; Froese, A.; Tenbergen, B.; Vogelsang, A.; Wehrstedt, J. C.; Weyer, T.: **Early Validation of Control Software for Automation Plants on the Example of a Seawater Desalination Plant**. 27<sup>th</sup> International Conference on Advanced Information Systems Engineering (CAiSE 2015, Stockholm, Schweden), Forum, CEUR Proceedings 1367, 2015, 189-196.
44. Gol Mohammadi, N.; Bandyszak, T.; Paulus, S.; Meland, P. H.; Weyer, T.; Pohl, K.: **Extending Development Methodologies to Support Trustworthiness-by-Design for Socio-Technical Systems**. 27<sup>th</sup> International Conference on Advanced Information Systems Engineering (CAiSE 2015, Stockholm, Schweden), Forum, CEUR Proceedings, 1367, 2015, 213-220.
45. Daun, M.; Weyer, T.; Pohl, K.: **Detecting and Correcting Outdated Requirements in Function-Centered Engineering of Embedded Systems**. 21<sup>th</sup> International Working Conference on Requirements Engineering - Foundation for Software Quality (REFSQ 2015, Essen), Lecture Notes in Computer Science (LNCS) 9013, Springer, Heidelberg, 2015, 65-80.
46. Tenbergen, B.; Weyer, T.; Pohl, K.: **Supporting the Validation of Adequacy in Requirements-based Hazard Mitigations**. 21<sup>th</sup> International Working Conference on Requirements Engineering - Foundation for Software Quality (REFSQ 2015, Essen), Lecture Notes in Computer Science (LNCS) 9013, Springer, Heidelberg, 2015, 17-32.
47. Gol Mohammadi, N.; Bandyszak, T.; Kalogiros, C.; Kanakakis, M.; Weyer, T.: **A Framework for Evaluating the End-to-End Trustworthiness**. IEEE International Symposium on Recent Advances of Trust, Security and Privacy in Computing and Communications (TrustCom/BigDataSE/ISPA, Helsinki, Finland), IEEE Computer Society, Los Alamitos, 2015, 638-645.

48. Bandyszak, T.; Rzepka, M.; Weyer, T.; Pohl, K.: **Supporting the Validation of Structured Analysis Specifications in the Engineering of Information Systems by Test Path Exploration**. 17<sup>th</sup> International Conference on Enterprise Information Systems (ICEIS 2015, Barcelona, Spanien), SciTePress, Setúbal, 2015, 252-259.
49. Bender, O.; Böhm, W.; Henkler, S.; Sander, O.; Vogelsang, A.; Weyer, T.: **Fünfter Workshop zur Zukunft der Entwicklung softwareintensiver eingebetteter Systeme**. Software Engineering & Management 2015 (SE 2015, Dresden), Lecture Notes in Informatics (LNI) 239, Gesellschaft für Informatik, Bonn, 2015, 271-271.
50. Gol Mohammadi, N.; Bandyszak, T.; Moffie, M.; Chen, X.; Weyer, T.; Kalogiros, C.; Nasser, B.; Surridge, M.: **Maintaining Trustworthiness of Socio-Technical Systems at Run-Time**. 11<sup>th</sup> International Conference on Trust, Privacy and Security in Digital Business (TRUSTBUS 2014, München), Lecture Notes in Computer Science (LNCS) 8647, Springer, Heidelberg, 2014, 1-12.
51. Gol Mohammadi, N.; Bandyszak, T.; Paulus, S.; Meland, P. H.; Weyer, T.; Pohl, K.: **Extending Development Methodologies with Trustworthiness-By-Design for Socio-Technical Systems**. Extended Abstract, 7<sup>th</sup> International Conference on Trust & Trustworthy Computing (TRUST 2014, Heraklion, Griechenland), Lecture Notes in Computer Science (LNCS) 8564, Springer, Heidelberg, 2014, 206-207.
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53. Daun, M.; Höfflinger, J.; Weyer, T.: **Function-Centered Engineering of Embedded Systems: Evaluating Industry Needs and Possible Solutions**. 9<sup>th</sup> International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2014, Lissabon, Portugal), SciTePress, Setúbal, 2014, 226-234.
54. Daun, M.; Salmon, A.; Tenbergen, B.; Weyer, T.; Pohl, K.: **Industrial Case Studies in Graduate Requirements Engineering Courses: Impact on Student Motivation**. 27<sup>th</sup> International Conference on Software Engineering Education and Training (CSEE&T 2014, Klagenfurt, Österreich), IEEE Computer Society, Los Alamitos, 2014, 3-12.

55. Böhm, W.; Henkler, S.; Houdek, F.; Vogelsang, A.; Weyer, T.: **Bridging the Gap Between Systems and Software Engineering by Using the SPES Modeling Framework as a General Systems Engineering Philosophy**. 12<sup>th</sup> Annual Conference on Systems Engineering Research (CSER 2014, Redondo Beach, USA), Procedia Computer Science, Elsevier, New York, 2014, 187-194.
56. Daun, M.; Weyer, T.; Pohl, K.: **Validating the Functional Design of Embedded Systems against Stakeholder Intentions**. 2<sup>nd</sup> International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2014, Lissabon, Portugal), SciTePress, Setúbal, 2014, 233-239.
57. Paulus, S.; Gol Mohammadi, N.; Weyer, T.: **Trustworthy Software Development**. 14<sup>th</sup> IFIP International Conference on Communications and Multimedia Security (CMS 2013, Magdeburg), Lecture Notes in Computer Science (LNCS) 8099, Springer, Heidelberg, 2013, 233-247.
58. Gol Mohammadi, N.; Alebrahim, A.; Weyer, T.; Heisel, M.; Pohl, K.: **A Framework for Combining Problem Frames and Goal Models to Support Context Analysis during Requirements Engineering**. International Cross Domain Conference and Workshop on Availability, Reliability and Security (CD-ARES 2013, Regensburg), Lecture Notes in Computer Science (LNCS) 8127, Springer, Heidelberg, 2013. 272-288.
59. Heuer, A.; Kaufmann, T.; Weyer, T.: **Extending an IEEE 42010-compliant Viewpoint-based Engineering-Framework for Embedded Systems to Support Variant Management**. Embedded Systems: Design, Analysis and Verification (IESS 2013, Paderborn), IFIP Advances in Information and Communication Technology (AICT) 403, Springer, Heidelberg, 2013, 235-244.
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61. Weyer, T.; Pohl, K.: **Eine Referenzstrukturierung zur modellbasierten Kontextanalyse im Requirements Engineering softwareintensiver eingebetteter Systeme**. Fachtagung Modellierung 2008 (Modellierung 2008, Berlin). Lecture Notes in Informatics (LNI) 127, Gesellschaft für Informatik, Bonn, 2008, 181-196.

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## Book Chapters

63. Bandyszak, T.; Weyer, T.; Daun, M.: **Uncertainty Theories for Real-Time Systems.** In: Tian Y.C., Levy D.C. (Eds.): Handbook of Real-Time Computing. Springer, Singapore, 2021.
64. Metzger, A.; Soria, C. C.; Garbajosa, J.; Moreno, A. M.; Pakkala, D.; Rantala, J.; Robin, V.; Saarinen, J.; Skjellaug, B.; Song, H.; SurrIDGE, S.; Tuikka, T.; Urban, J.; Weyer, T.: **Looking Ahead.** In: Ferry, N.; Song, H.; Metzger, A.; Rios, E. (Eds.): DevOps for Trustworthy Smart IoT Systems. Now Publishers 2021, 259-264.
65. Böhm, B.; Böhm, W.; Daun, M.; Hayward, A.; Kranz, S.; Regnat, N.; Schröck, S.; Stierand, I.; Vogelsang, A.; Voss, S.; Weyer, T.; Wortmann, A.: **Engineering of Collaborative Embedded Systems.** In: Böhm, W.; Broy, M.; Klein, C; Pohl, K.; Rumpe, B.; Schröck, S. (Eds.): Model-based Engineering of Collaborative Embedded Systems, Springer, Cham, 2020, 15-48.
66. Bandyszak, T.; Jöckel, L.; Kläs, M.; Törsleff, S.; Weyer, T.; Wirtz, B.: **Handling Uncertainty in Collaborative Embedded Systems Engineering.** In: Böhm, W.; Broy, M.; Klein, C; Pohl, K.; Rumpe, B.; Schröck, S. (Eds.): Model-based Engineering of Collaborative Embedded Systems, Springer, Cham, 2020, 147-170.
67. Böhm, W.; Daun, M.; Koutsoumpas, V.; Vogelsang, A.; Weyer, T.: **SPES XT Modeling Framework.** In: Pohl, K.; Daembkes, H.; Hönninger, H.; Broy, M. (Eds.): Advanced Model-Based Engineering of Embedded Systems – Extensions of the SPES 2020 Methodology. Springer, Heidelberg, 2016, 39-52.
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69. Böhm, W.; Henkler, S.; Houdek, F.; Vogelsang, A.; Weyer, T.: **Systems Engineering Extension**. In: Pohl, K.; Daembkes, H.; Hönniger, H.; Broy, M. (Eds.): *Advanced Model-Based Engineering of Embedded Systems – Extensions of the SPES 2020 Methodology*. Springer, Heidelberg, 2016, 71-83.
70. Albers, K.; Beck, S.; Büker, M.; Daun, M.; MacGregor, J.; Salmon, A.; Weber, R.; Weyer, T.: **System Function Networks**. In: Pohl, K.; Daembkes, H.; Hönniger, H.; Broy, M. (Eds.): *Advanced Model-Based Engineering of Embedded Systems – Extensions of the SPES 2020 Methodology*. Springer, Heidelberg, 2016, 131-156.
71. Bandyszak, T.; Diebold, P.; Heuer, A.; Kuhn, T.; Vetrò, A.; Weyer, T.: **Technology Transfer Concepts**. In: Pohl, K.; Daembkes, H.; Hönniger, H.; Broy, M. (Eds.): *Advanced Model-Based Engineering of Embedded Systems – Extensions of the SPES 2020 Methodology*. Springer, Heidelberg, 2016, 261-270.
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74. Broy, M.; Damm, W.; Henkler, S.; Pohl, K.; Vogelsang, A.; Weyer, T.: **Introduction to the SPES Modeling Framework**. In: Pohl, K.; Hönniger, H.; Achatz, R.; Broy, M. (Eds.): *Model-Based Engineering of Embedded Systems*, Springer, Heidelberg, 2012, 31-49.
75. Daun, M.; Tenbergen, B.; Weyer, T.: **Requirements Viewpoint**. In: Pohl, K.; Hönniger, H.; Achatz, R.; Broy, M. (Eds.): *Model-Based Engineering of Embedded Systems*, Springer, Heidelberg, 2012, 51-68.
76. Hilbrich, R.; van Kampenhout, J. R.; Daun, M.; Weyer, T.: **Modeling Quality Aspects: Real-Time**. In: Pohl, K.; Hönniger, H.; Achatz, R.; Broy, M. (Eds.): *Model-Based Engineering of Embedded Systems*, Springer, Heidelberg, 2012, 119-128.

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## Workshop Contributions

79. Daun, M.; Brings, J.; Weyer, T.: **A Semi-Automated Approach to Foster the Validation of Collaborative Networks of Cyber-Physical Systems**. IEEE/ACM International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS), International Conference on Software Engineering (ICSE 2018, Göteborg, Schweden), ACM, New York, 2018, 6-12.
80. Daun, M.; Brings, J.; Bandyszak, T.; Bohn, P.; Weyer, T.: **Collaborating Multiple System Instances of Smart Cyber-Physical Systems: A Problem Situation, Solution Idea, and Remaining Research Challenges**. IEEE/ACM International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS), International Conference on Software Engineering (ICSE 2015, Florenz, Italien), ACM, New York, 2015, 48-51.
81. Matulevičius, R.; Weyer, T.: **REFSQ 2015 Workshops, Research Method Track, and Poster Track**. REFSQ 2015 Workshops, Research Method Track, and Posters. CEUR Proceedings 1342, 3: 5-6.
82. Daun, M.; Tenbergen, B.; Salmon, A.; Weyer, T.: **Today's Challenges and Potential Solutions for the Engineering of Collaborative Embedded Systems**. 2<sup>nd</sup> International IFIP Workshop on Emerging Ideas and Trends in the Engineering of Cyber-Physical Systems (EITEC 2015@CPSWeek, Seattle, USA), 2015, 4:1-4:12.
83. Daun, M.; Salmon, A.; Weyer, T.: **Using dedicated Review Diagrams to detect Defective Functional Interplay in Function-Centered Engineering**. Workshops der Tagung Software Engineering, 5. Workshop zur Zukunft der Entwicklung softwareintensiver, eingebetteter Systeme (ENVISION 2020, Dresden), CEUR Proceedings 1337, 2015, 31-40.

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