

# **Publikationen**

<b>Name / Titel</b>	Friedemann Schwenkreis, Prof. Dr. rer.nat. Dipl.-Inform.
<p>F. Schwenkreis: Challenges of Automatically Recognizing Team Tactics in Team Ball Games, 18<sup>th</sup> Workshop on High-Performance Transaction Processing Systems (HPTS), Pacific Grove, CA USA, 2019.</p> <p>F. Schwenkreis: A Graded Concept of an Information Model for Evaluating Performance in Team Handball. In Proceedings of the 8<sup>th</sup> International Conference on Data Science, Technology and Applications (DATA), Prag, Scitepress, 2019.</p> <p>F. Schwenkreis: Coaching Support by Collecting and Analyzing Data (CoCoAnDa). In OPPORTUNITIES AND CHALLENGES for European Projects - Volume 1: EPS Portugal 2017/2018, ISBN 978-989-758-361-2, pages 220-225, 2019.</p> <p>F. Schwenkreis: An Approach to Use Deep Learning to Automatically Recognize Team Tactics in Team Ball Games. In Proceedings of the 7<sup>th</sup> International Conference on Data Science, Technology and Applications (DATA), Porto, Scitepress, 2018.</p> <p>F. Schwenkreis: Automatic detection of tactics in team ball games and its application. In Proceedings of the 3<sup>rd</sup> WACE Third International Research Symposium, Stuttgart, WACE, 2018.</p> <p>F. Schwenkreis: A Three Component Approach to Support Team Handball Coaches. In Book of Abstracts of the 23<sup>rd</sup> Annual Congress of the European College of Sport Science (ECSS), Dublin, 2018.</p> <p>A. Arning, F. Schwenkreis: Editing Source Code, US Patent 9823902, IBM, 2017.</p> <p>F. Schwenkreis: DHBW – IT-Strategie, Duale Hochschule Baden-Württemberg, September 2016.</p> <p>F. Schwenkreis: Bericht zur Entwicklung der IT an der DHBW, Duale Hochschule Baden-Württemberg, Juli 2016.</p> <p>F. Leymann, S. Moser, F. Schwenkreis: Pre-executing workflow preparation activities based on activity probabilities and system load and capacity threshold requirements, US Patent 9430745, IBM, 2016.</p> <p>M. Brown, F. Schwenkreis: Correlating Events Emitted by Software Components, US Patent 8230391, IBM, 2012.</p> <p>A. Arning, F. Schwenkreis: Method and System for Editing Source Code, US Patent 8341597, IBM, 2012.</p> <p>G. Adams, M. Brown, S. Derdak, F. Schwenkreis: System and Algorithm for Monitoring Event Specification and Event Subscription Models, US Patent 7765293, IBM, 2010.</p> <p>F. Schwenkreis: Scalable Infrastructure for Model-Driven Development, Accepted Submission 13th Workshop on High Performance Transaction Systems (HPTS), 2009.</p> <p>A. Arning, M. Kloppmann, F. Leymann, G. Pfau, D. Roller, A. Schmitz, F. Schwenkreis, C. Zentner: Dynamic Determination of Transaction Boundaries in Workflow Systems, US Patent 7386577, IBM, 2008.</p> <p>S. Moser, F. Schwenkreis: Statistical Method for Autonomic and Self-Organizing Business Processes, US Patent Anmeldung 2007/0143166, IBM, 2007.</p>	

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- M. Friess, E. Fussi, D. Koenig, G. Pfau, S. Ruettinger, F. Schwenkreis, C. Zentner: WebSphere Process Server V6 - Business Process Choreographer: Concepts and Architecture, IBM Corporation, 2006.
- B. Heumann, D. Koenig, F. Neumann, G. Pfau, S. Ruettinger, F. Schwenkreis: WebSphere Process Server V6.0 Business Process Choreographer Programming Model, IBM Corporation, 2006.
- A. Arning, M. Kloppmann, F. Leymann, G. Pfau, D. Roller, A. Schmitz, F. Schwenkreis, C. Zentner: Optimization of Process Properties for Workflows with Failing Activities, US Patent Anmeldung 2005/0209841, IBM, 2005; Finale Ablehnung 2013 auf Grund des aktuellen Stands der Technik.
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- A. Reuter, K. Schneider, F. Schwenkreis: ConTracts revisited, in S. Jajodia (ed.), Advanced Transaction Models and Architectures, Kluwer Verlag, 1997.
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F. Schwenkreis: Zustandsgrößenverwaltung in einem Referenzmodell für numerische Berechnungen, Universität Stuttgart, Fakultät Informatik, Diplomarbeit Nr. 768, 1991.

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