

# Publikationen

Name / Titel	Friedemann Schwenkreis, Prof. Dr. rer.nat. Dipl.-Inform.
<p>F. Schwenkreis: Automated Detection of Trajectory Groups Based on SNN-Clustering and Relevant Frequent Itemsets, 10<sup>th</sup> IEEE International Conference on Data Science and Advanced Analytics, Thessaloniki, Oktober 2023.</p> <p>F. Schwenkreis: Patterns in the Context of Small Data - Lessons learned from Data Science Projects, 2<sup>nd</sup> DHBW AI Transfer Congress, Heilbronn, September 2023.</p> <p>F. Schwenkreis: Data Mining Methoden zur Analyse empirischer Forschungsdaten im gleichzeitigen Kontext von Menstruationszyklus und Leistungssport, 26. DVS Hochschultag, Bochum, September 2023.</p> <p>F. Schwenkreis: Nearest Neighbor Clustering to Recognize Team Tactics, 28<sup>th</sup> Annual Congress of the European College of Sports Science, Paris, Juli 2023.</p> <p>F. Schwenkreis: Recognizing Team Tactics Using Representative Search, 27<sup>th</sup> Annual Congress of the European College of Sports Science, Sevilla, August 2022.</p> <p>F. Schwenkreis: Using the Silhouette Coefficient for Representative Search of Team Tactics in Noisy Data, 11<sup>th</sup> International Conference on Data Science, Technology and Applications (DATA), Lissabon, Juli 2022.</p> <p>F. Schwenkreis: Analyzing the BMX Supercross Racing World Cup, 26<sup>th</sup> Annual Congress of the European College of Sports Science, virtuell, September 2021.</p> <p>F. Schwenkreis: A Logical Clock Based Discovery of Patterns. International Journal of Data Science and Analysis, Vol. 7, No. 4, 2021, pp. 98-10.</p> <p>F. Schwenkreis: A Data Science Approach to Explain a Complex Team Ball Game, In: Hammoudi S., Quix C., Bernardino J. (eds) Data Management Technologies and Applications. DATA 2020. Communications in Computer and Information Science, Vol 1446. Springer, Cham., 2021.</p> <p>F. Schwenkreis: Why the Concept of Shopping Baskets helps to analyze Team-Handball. 22<sup>nd</sup> International Conference on Intelligent Data Science Technologies and Applications (IDSTA2020), Valencia (virtuell), 2020</p> <p>F. Schwenkreis, E. Nothdurft: A VIEW OF TEAM HANDBALL BY PASSES, FOULS, FAILURES, AND SUCCESSES. Book of Abstracts of the 24<sup>th</sup> Annual Congress of the European College of Sport Science (ECSS), Sevilla, ECSS, 2020.</p> <p>F. Schwenkreis und E. Nothdurft: APPLIED DATA SCIENCE: AN APPROACH TO EXPLAIN A COMPLEX TEAM BALL GAME, 9<sup>th</sup> International Conference on Data Science, Technology and Applications (DATA), Lieusaint (virtuell), 2020.</p> <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>	

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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.

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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.

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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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