

Liste der Veröffentlichungen

Lehrbücher

U. Jetzek: "Galois Fields, Linear Feedback Shift Registers and their Applications", Hanser Verlag, 2018, ISBN 978-3-446-45140-7, E-Book ISBN 978-3-446-45613-6

Forschungsberichte

Ulrich Jetzek: „Complexity-reduced Multiuser Detection Algorithms for CDMA Systems in Cellular Mobile Radio“, Dissertation, VDI-Verlag, Reihe 10: Informatik/ Kommunikations-technik, Nr. 542, 1998

S. Brück, U. Jetzek and J. Träger:
„ 2. Zwischenbericht zum DFG-Projekt Teilorthogonaler Code-Zeit-Vielfachzugriff“, Forschungsbericht, Technische Hochschule Darmstadt, Januar 1996

U. Jetzek, S. Brück and P. Kempf:
„1. Zwischenbericht zum DFG-Projekt Teilorthogonaler Code-Zeit-Vielfachzugriff“, Forschungsbericht, Technische Hochschule Darmstadt, Januar 1995

U. Jetzek: „Leitungstransformator und Schur-Algorithmus“, Diplomarbeit, Technische Universität München, Juli 1989

Konferenzbeiträge

U. Jetzek: "Passkeys – a sophisticated alternative to passwords", International Symposium on Ambient Intelligence and Embedded Systems, Hochschule für angewandte Wissenschaften Hamburg (HAW Hamburg), Deutschland, 24.9. - 27.9.2025

U. Jetzek: "Simulating Digital Systems – a reflected view onto the simulation tool landscape", International Symposium on Ambient Intelligence and Embedded Systems, Tallinn University of Technology, Tallinn, Estonia, 11.9. - 14.9.2024

U. Jetzek: "The next Mobile Communication System Generation - 5G or 4G-evolution?", 18th International Symposium on Ambient Intelligence and Embedded Systems, Instituto Superior de Engenharia de Coimbra, Coimbra, Portugal, 11.9. - 14.9.2019

U. Jetzek: "Galois Fields, Linear Feedback Shift Registers and their Applications", 17th International Symposium on Ambient Intelligence and Embedded Systems, Kiel University of Applied Sciences, Kiel, Germany, 12.9. - 15.9.2018

- U. Jetzek: "Galois Fields and their Applications in Global Navigation Satellite Systems", 16th International Symposium on Ambient Intelligence and Embedded Systems, Vaasa University of Applied Sciences, Vaasa, Finland, 14.9. - 16.9.2017
- U. Jetzek: "GALILEO - The European Satellite Navigation System, Applications of the GALILEO System, Status and Trends of the GALILEO Deployment", 14th International Symposium on Ambient Intelligence and Embedded Systems, Vives University College, Oostende, Belgium, 24.9. - 26.9.2015
- U. Jetzek: "Stream Ciphers and Spies - On the Design and Cryptanalysis of the A5/1 Stream Cipher", 13th International Symposium on Ambient Intelligence and Embedded Systems, University of Aveiro, Portugal, 2.10. - 4.10.2014
- U. Jetzek: "An Introduction to Elliptic Curve Cryptography: Motivation of ECC and Security Aspects of ECC", 12th International Symposium on Ambient Intelligence and Embedded Systems, Beuth University of Applied Sciences, Berlin, Germany, 19.9. - 21.9.2013
- U. Jetzek, H. Wegner, S. Brüggemann: "High Level Synthesis – (R)evolution of Hardware Description Languages?", 11th International Symposium on Ambient Intelligence and Embedded Systems, Helsinki Metropolia University of Applied Sciences, Espoo, Finland, 20. - 22.9.2012
- P. Gerken, U. Jetzek, C. Green: "Implementation And Prototyping Of A Sound Reception Device Based On The Phase Delay Of A Microphone Array Using Modern FPGA Technology", 11th International Symposium on Ambient Intelligence and Embedded Systems, Helsinki Metropolia University of Applied Sciences, Espoo, Finland, 20. - 22.9.2012
- T. M. Wetzel, F.-J. Müller, U. Jetzek: "Speed optimised Sequence Alignment on a FPGA", 11th International Symposium on Ambient Intelligence and Embedded Systems, Helsinki Metropolia University of Applied Sciences, Espoo, Finland, 20. - 22.9.2012
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- S. Brück, U. Jetzek, P. Kempf, J. Träger: „Performance Evaluation of a DS-CDMA Transmission Scheme with controllable Interuser Interference“, Konferenzbeitrag zur European Personal Mobile Communications Conference (EPMCC) 1997, Bonn, Oktober 1997
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