Publikationen im Studiengang CSP (TU Ilmenau)

Article		
I. Podkurkov, J. Zhang, A. Nadeev, and M. Haardt,	"Efficient multidimensional wideband parameter estimation for OFDM based joint radar and communication systems",	in IEEE Access, pp. 1 - 13, 2019.
K. Naskovska, S. Lau, A. A. Korobkov, J. Haueisen, and M. Haardt,	"Coupled CP decomposition of simultaneous MEG-EEG signals for differentiating oscillators during photic driving,"	Frontiers in Neuroscience, Section Brain Imaging Methods, vol. 14, pp. 1 - 18, Apr. 2020
Conference Papers		
D. Rakhimov, S. P. Deram, B. Sokal, K. Naskovska, A. L. F. de Almeida, and M. Haardt,	"Iterative tensor receiver for MIMO-GFDM systems,"	in *Proc. 11-th IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM 2020)*, (Hangzhou, China), June 2020.
L. Khamidullina, A. L. F. de Almeida, and M. Haardt,	"Multilinear Generalized Singular Value Decomposition (ML-GSVD) with application to coordinated beamforming in multi-user MIMO systems,"	in Proc. IEEE Int. Conference on Acoustics, Speech and Signal Processing (ICASSP), (Barcelona, Spain), May 2020
Diego Fernando Preciado Rojas, Faiaz Nazmetdinov, Andreas Mitschele-Thiel:	"Zero-touch coordination framework for Self-Organizing Functions in 5G"	IEEE Wireless Communications and Networking Conference , April 2020
L. Khamidullina, Y. Cheng, and M. Haardt,	"Constrained tensor decompositions for semi-blind MIMO detection,"	in *Proc. 23-rd International ITG Workshop on Smart Antennas (WSA)*, (Vienna, Austria), pp. 42 - 47, Apr. 2019

D. Rakhimov, J. Zhang, A. de Almeida, A. Nadeev, and M. Haardt,	"Channel estimation for Tensor MIMO OFDM in the Millimeter Wave Band,"	in Proc. of 53rd Asilomar Conf. on Signals, Systems, and Computers, (Pacific Grove, CA), Nov. 2019, invited paper.
M. Haardt, I. Podkurkov, J. Zhang, and A. Nadeev,	"Efficient multidimensional wideband parameter estimation for OFDM based joint radar and communication systems",	Information Theory and Applications (ITA) Workshop, Febuary 13, 2018, San Diego, CA, USA.
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I. Podkurkov, L. Hamidullina, E. Traikov, M. Haardt, and A. Nadeev.	"Tensor-Based Near-Field Localization in Bistatic MIMO Radar Systems",	in Proc. 22-nd International ITG Workshop on Smart Antennas (WSA), Bochum, Germany, Mar. 2018.
K. Naskovska, S. A. Cheema, M. Haardt, B. Valeev, and Y. Evdokimov,	"Iterative GFDM Receiver based on the PARATUCK2 tensor decomposition",	in Proc. 21-st International ITG Workshop on Smart Antennas (WSA), (Berlin, Germany), Mar. 2017.
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J. Zhang, I. Podkurkov, M. Haardt, and A. Nadeev,	"Channel estimation and training design for hybrid analog-digital multi-carrier single-user massive MIMO systems",	in Proc. 20-th International ITG Workshop on Smart Antennas (WSA), (Munich, Germany), pp. 142 - 149, VDE Verlag GmbH Berlin Offenbach, Germany, Mar. 2016.
R. Bikmukhamedov, Y. Yeryomin, J. Seitz,	"Evaluation of MCDA-based handover algorithms for mobile networks",	In ICUFN 2016 / International Conference on Ubiquitous and Future Networks, (Vienna) May 2016. - [Piscataway, NJ] : IEEE (2016), S. 810-815.

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A. Gaysin; V. Fadeev; M. Hennhöfer	"Survey of modulation and coding schemes for application in CubeSat Systems"	in Systems of Signal Synchronization, Generating and Processing in Telecommunications (SINKHROINFO), Kazan, July, 2017.
K. Naskovska, A.A. Korobkov, M. Haardt, and J. Haueisen,	"Analysis of the photic driving effect via joint EEG and MEG data processing based on the coupled CP decomposition",	in Proc. 25th European Signal Processing Conference (EUSIPCO 2017) , Kos Island, Greece, Sept. 2017, PDF .
D. Rakhimov, S. P. Deram, B. Sokal, K. Naskovska, A. L. F. de Almeida, and M. Haardt,	Iterative tensor receiver for MIMO-GFDM systems	in Proc. 11th IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM 2020), Hangzhou, China, June 2020.
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Johanna Kasper, Mathias Magdowski, Ralf Vick, Rushan Anamov, Marat Gimranov, Evgenii Federov und Andrey Ferenets,	„Electromagnetic Field Coupling to Planar and Triangular Multiconductor Transmission Lines in a Reverberation Chamber",	In: Proceedings of the Joint IEEE & Asia-Pacific International Symposium on Electromagnetic Compatibility. IEEE USB Catalog Number: CFP18EMC-USB.
Mathias Magdowski, Johanna Kasper, Ralf Vick, Ildar Zalaliev, Roman Chevtaev, Evgenii Fedorov und Andrey Ferenets,	„Electromagnetic Field Coupling to Transmission Line Networks of Double-Wire Lines in a Reverberation Chamber". In: International Symposium on Electromagnetic Compatibility (EMC EUROPE),	IEEE Part Number CFP1806F-USB. Amsterdam, Niederlande: IEEE, Aug. 2018, S. 660–665. isbn: 978-1-4673-9697-4.
Johanna Kasper, Mathias Magdowski, Ralf Vick, Linar Galeev, Genadii Iukhtanov, Evgenii Fedorov und Andrey Ferenets,	„Time Domain Investigation of the Plane Wave Coupling to a Non-Linearly Loaded Transmission Line Network,	In: ESA Workshop on Aerospace EMC. Budapest, Ungarn, Mai 2019, S. 1–6.