

Publikationsliste Hans-Martin Tröger

Publikationen als Erst-Autor

H.-M. Troeger, B. Pelger-Alzner, "A Comparison of Direct Analog and Digital Up-Conversion Architecture in the Frequency Range from 1.9 GHz to 2.7 GHz," in *IEEE International Conference on Wireless Information Technology and Systems (ICWITS)*, 2012, pp. 1–4.

H.-M. Troeger, G. Kilian, J. Robert, M. Hartmann, T. Nowak, M. Meyer, A. Heuberger, "Efficient Power Supply for Telemetry Sensor Nodes," in *IEEE Radio & Wireless Week*, 2014.

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H.-M. Troeger, J. Drexel, A. Jarresch, L. Patino-Studencki, A. Heuberger, "Characterization of an Opportunistic Wireless Syntonization Using a Low-Cost Test-Bed," in *IEEE International Symposium on Precision Clock Synchronization for Measurement, Control, and Communication (ISPCS)*, 2016, pp. 1–6.

H.-M. Troeger, M. Hartmann, L. Patino-Studencki, J. Robert, A. Heuberger, "Time-Domain OFDM Carrier Phase Estimation for Wireless Sensor Network Syntonization," in *26th International Telecommunication Networks and Applications Conference (ITNAC)*, 2016.

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Publikationen als Co-Autor

T. Nowak, M. Hierold, A. Koelpin, M. Hartmann, H.-M. Troeger, J. Thielecke, "System and Signal Design for an Energy-Efficient Multi-Frequency Localization System," in *IEEE Topical Conference on Wireless Sensors and Sensor Networks (WiSNet)*, 2014, pp. 55–57.

M. Hartmann, H.-M. Troeger, G. Kilian, J. Robert, T. Nowak, A. Heuberger, "Broadcast of Things - A Thought Experiment," in *IEEE Radio & Wireless Week*, Newport Beach, CA, USA, 2014.

M. Ibrahim, F. Roemer, N. Hadashik, H.-M. Troeger, B. Sackenreuther, N. Franke, J. Robert, G. Del Galdo, "Compressed Temporal Synchronization with Opportunistic Signals," in *IEEE 49th Asilomar Conference on Signals, Systems, and Computers*, 2015, pp. 204–208.

M. Hartmann, O. Pfadenhauer, P. Patino-Studencka, H.-M. Troeger, A. Heuberger, and J. Thielecke, "Antenna Pattern Optimization for a RSSI-based Direction of Arrival Localization System," in *ION Pacific PNT 2015*, Honolulu, HI, USA, 2015.

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Patente und Erfindungsmeldungen

EP2868169B1 - Konzept zum Zusammenbau einer elektromagnetischen Spule mit einer flexiblen bestückten Leiterplatte, 2012

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