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Dominik Lieckfeldt

Dr.-Ing. Dominik Lieckfeldt



Forschungsgebiete - Dissertation

Effiziente Lokalisierung von Nutzern und Geräten in Smarten Umgebungen

Projekte

- Multimodal Smart Appliance Ensembles for Mobile Applications (DFG)

Publikationen

Jiayi You, Qi Han, Dominik Lieckfeldt, Jakob Salzmann, Dirk Timmermann: Virtual position based geographic routing for wireless sensor networks...

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Passive Tracking of Transceiver-Free Users with RFID...

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Exploiting RF-Scatter: Human Localization with bistatic passive UHF RFID-Systems...

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Characterizing the Influence of Human Presence on bistatic passive RFID-System...

Ralf Behnke, Jakob Salzmann, Dominik Lieckfeldt, Dirk Timmermann: dLS - Distributed Least Squares Localization for Large Wireless Sensor Networks...

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Context-based Topology Management for Wireless Sensor Networks Folien...

Jiayi You, Dominik Lieckfeldt, Jakob Salzmann, Dirk Timmermann: GAF&Co: Connectivity Aware Topology Management for Sensor Networks...

Dominik Lieckfeldt, Jiayi You, Jakob Salzmann, Ralf Behnke, Dirk Timmermann: Characterizing the energy efficiency of localization algorithms in wireless sensor networks...

Jiayi You, Dominik Lieckfeldt, Frank Reichenbach, Dirk Timmermann: Context-aware Geographic Routing for Sensor Networks with Routing Holes...

Ralf Behnke, Jakob Salzmann, Ralf Grossmann, Dominik Lieckfeldt, Dirk Timmermann, Kerstin Thurov: Strategies to overcome Border Area Effects of Coarse Grained Localization...

Jiayi You, Dominik Lieckfeldt, Qi Han, Jakob Salzmann, Dirk Timmermann: Look-ahead Geographic Routing for Sensor Networks...

Ralf Behnke, Jakob Salzmann, Dominik Lieckfeldt, Frank Golaszewski, Dirk Timmermann, Kerstin Thurov: Exploiting Malicious Node Detection for Lifetime Extension of Sensor Networks...

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Tendency-based Geographic Routing for Sensor Networks...

Dominik Lieckfeldt, Jiayi You, Ralf Behnke, Jakob Salzmann, Dirk Timmermann: Assessing the Energy Efficiency of Localization in Wireless Sensor Networks...

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Geographic Routing with Context-awareness for Sensor Networks Folien...

Frank Reichenbach, Dominik Lieckfeldt, Dirk Timmermann: Using QR-Updating with Reduced Complexity for Precise Localization in Mobile Sensor Networks...

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: Distributed Selection of References for Localization in Wireless Sensor Networks Folien...

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: An Algorithm for Distributed Beacon Selection...

Jiayi You, Dominik Lieckfeldt, Matthias Handy, Dirk Timmermann: Budget-Based Clustering with Context-awareness for Sensor Networks Folien...

Dominik Lieckfeldt: Energy Efficient Distributed Localization in Sensor Networks Folien...

Jakob Salzmann, Ralf Behnke, Dominik Lieckfeldt, Dirk Timmermann: 2-Masclie - A Coverage Aware Clustering Algorithm with Self Healing Abilities Folien...

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: Localization with Context-Awareness in Dynamic Wireless Sensor Networks Folien...

Dominik Lieckfeldt, Dirk Timmermann: Using Cramer-Rao-Lower-Bound to Reduce Complexity of Localization in Wireless Sensor Networks Folien...

Jakob Salzmann, Ralf Behnke, Jens Schulz, Peter Danielis, Dominik Lieckfeldt, Claas Cornelius, Jiayi You, Dirk Timmermann: Mobile Generation: Unbegrenzte Möglichkeiten, unbegrenztes Risiko?

Suchbegriff...

Mitarbeitersuche...

Kontakt

Besucher: Fakultät für Informatik und Elektrotechnik Institut für Angewandte Mikroelektronik und Datentechnik...

Schnelleinstieg

- Publikationen, Anfahrt, Kontakt, Laborpraktikum, Lehrangebot, Highlights, Projekte