



Jiayi You

Dr.-Ing. Jiayi You



Forschungsgebiete - Dissertation

- Context-Based Resource Management in Wireless Sensor Networks

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 Computer Communications, Elsevier Journal on, pp. 1255-1265, Kidlington, United Kingdom, Juli 2010

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Passive Tracking of Transceiver-Free Users with RFID International Conference on Intelligent Interactive Assistance and Mobile Multimedia Computing, (IMC'09), accepted, Rostock, Deutschland, November 2009

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Exploiting RF-Scatter: Human Localization with bistatic passive UHF RFID-Systems 5th IEEE Conference on Wireless and Mobile Computing, Networking and Communications, (WiMob'09), ISBN: 978-0-7695-3841-9, Marrakesh, Marocco, Oktober 2009

Dominik Lieckfeldt, Jiayi You, Timmermann Dirk: Characterizing the Influence of Human Presence on bistatic passive RFID-System 5th IEEE Conference on Wireless and Mobile Computing, Networking and Communications, (WiMob'09), ISBN: 978-0-7695-3841-9, Marrakesh, Marocco, Oktober 2009

Jakob Salzmann, Ralf Behnke, Jiayi You, Dirk Timmermann: Free-CLASH - Improved Localization Free Clustering in Large Wireless Sensor Networks The International Workshop on Scalable Ad Hoc and Sensor Networks, ISBN: 978-1-4244-3941-6, St. Petersburg, Russland, Oktober 2009

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Context-based Topology Management for Wireless Sensor Networks Foliien 7th International Forum Life Science Automation (LSA2009), S. 52, ISBN: 978-3-938042-23-6, Rostock, Deutschland, September 2009

Jiayi You, Dominik Lieckfeldt, Jakob Salzmann, Dirk Timmermann: GAR&Co: Connectivity Aware Topology Management for Sensor Networks 20th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC2009), ISBN: 978-1-4244-5123-4, Tokyo, Japan, September 2009

Jiayi You, Dirk Timmermann: Strategies for Resource Management in Wireless Sensor Networks 3rd Baltic Conference "Advanced Topics in Telecommunications", ISBN: 978-3-86009-075-6, Tartu, Estonia, August 2009

Dominik Lieckfeldt, Jiayi You, Jakob Salzmann, Ralf Behnke, Dirk Timmermann: Characterizing the energy efficiency of localization algorithms in wireless sensor networks International Conference on Wireless Communications and Mobile Computing, IWCMC '09, pp. 639-643, ISBN: 978-1-60558-569-7, Leipzig, Deutschland, Juni 2009

Jiayi You, Dominik Lieckfeldt, Frank Reichenbach, Dirk Timmermann: Context-aware Geographic Routing for Sensor Networks with Routing Holes IEEE Wireless Communications and Networking Conference (WCNC 2009), ISBN: 978-1-4244-2948-6, Budapest, Hungary, April 2009

Jiayi You, Dominik Lieckfeldt, Qi Han, Jakob Salzmann, Dirk Timmermann: Look-ahead Geographic Routing for Sensor Networks 5th IEEE International Workshop on Sensor Networks and Systems for Pervasive Computing (PerSeNS 2009), ISBN: 978-1-4244-3304-9, Galveston, Texas, USA, März 2009

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Tendency-based Geographic Routing for Sensor Networks 6th Annual IEEE Consumer Communications and Networking Conference (IEEE CCNC2009), ISBN: 978-1-4244-2309-5, Las Vegas, USA, Januar 2009

Dominik Lieckfeldt, Jiayi You, Ralf Behnke, Jakob Salzmann, Dirk Timmermann: Assessing the Energy Efficiency of Localization in Wireless Sensor Networks 6th Annual IEEE Consumer Communications and Networking Conference, ISBN: 978-1-4244-2309-5, Las Vegas, USA, Januar 2009

Jiayi You, Dominik Lieckfeldt, Dirk Timmermann: Geographic Routing with Context-awareness for Sensor Networks Foliien 6th International Forum Life Science Automation (LSA 2008), pp. 83, ISBN: 978-3-938042-17-5, Rostock, Deutschland, September 2008

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: Distributed Selection of References for Localization in Wireless Sensor Networks Foliien 5th Workshop on Positioning, Navigation and Communication, pp. 31-36, ISBN: 978-1-4244-1798-8, Hannover, Deutschland, März 2008

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: An Algorithm for Distributed Beacon Selection 4th IEEE International Workshop on Sensor Networks and Systems for Pervasive Computing, pp. 318-323, ISBN: 978-0-7695-3113-7, Hong Kong, China, März 2008

Jiayi You, Dominik Lieckfeldt, Matthias Handy, Dirk Timmermann: Budget-Based Clustering with Context-awareness for Sensor Networks Foliien 4th IEEE International Workshop on Sensor Networks and Systems for Pervasive Computing, pp. 306-311, ISBN: 978-0-7695-3113-7, Hong Kong, China, März 2008

Dominik Lieckfeldt, Jiayi You, Dirk Timmermann: Localization with Context-Awareness in Dynamic Wireless Sensor Networks Foliien 5th International Forum Life Science Automation, ISBN: 978-3-938042-12-0, Lansdowne, USA, Oktober 2007

Jakob Salzmann, Ralf Behnke, Jens Schulz, Peter Danielis, Dominik Lieckfeldt, Claas Cornelius, Jiayi You, Dirk Timmermann: Mobile Generation: Unbegrenzte Möglichkeiten, unbegrenztes Risiko? Lange Nacht der Wissenschaften, Rostock, Deutschland, April 2007

Frank Sill, Jiayi You, Dirk Timmermann: Design of Mixed Gates for Leakage Reduction Foliien 2007 Great Lakes Symposium on VLSI (GLSVLSI), S. 263-268, ISBN: 978-1-59593-605-9, Stresa-Lago Maggiore, Italien, März 2007

Kontakt

Besucher: Fakultät für Informatik und Elektrotechnik Institut für Angewandte Mikroelektronik und Datentechnik Haus 1, Raum 1207 (Sekretariat) Richard Wagner Str. 31 18 119 Rostock-Warmemünde Tel.: +49 381 498 7251 Fax: +49 381 498 118 7251 Email Postanschrift: Universität Rostock Institut für Angewandte Mikroelektronik und Datentechnik 18051 Rostock

Schnelleinstieg

- Publikationen Anfahrtd Kontakt Laborpraktikum Lehrangebot Highlights Projekte