

1. Record Nr.	UNISA996466010703316
Titolo	Real-World Wireless Sensor Networks [[electronic resource]] : 4th International Workshop, REALWSN 2010, Colombo, Sri Lanka, December 16-17, 2010, Proceedings / / edited by Pedro José Marron, Thiemo Voigt, Peter Corke, Luca Mottola
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-39063-8 9786613568557 3-642-17520-1
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XII, 220 p. 101 illus.)
Collana	Computer Communication Networks and Telecommunications ; ; 6511
Disciplina	004.6
Soggetti	Computer communication systems Artificial intelligence Software engineering Computer simulation Data mining Special purpose computers Computer Communication Networks Artificial Intelligence Software Engineering Simulation and Modeling Data Mining and Knowledge Discovery Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Applications I -- K2: A System for Campaign Deployments of Wireless Sensor Networks -- TigerCENSE: Wireless Image Sensor Network to Monitor Tiger Movement -- Motes in the Jungle: Lessons Learned from a Short-Term WSN Deployment in the Ecuador Cloud Forest -- Deploying Wireless Sensor Networking Technology in a Rescue Team Context -- OS Support and Programming -- Visibility Levels: Managing

the Tradeoff between Visibility and Resource Consumption -- Flexible Online Energy Accounting in TinyOS -- TikiriDev: A UNIX-Like Device Abstraction for Contiki -- Applications II -- Location Based Wireless Sensor Services in Life Science Automation -- Hallway Monitoring: Distributed Data Processing with Wireless Sensor Networks -- senSebuddy: A Buddy to Your Wireless Sensor Network -- Communication and MAC -- Evaluation of an Electronically Switched Directional Antenna for Real-World Low-Power Wireless Networks -- Implementation and Evaluation of Combined Positioning and Communication -- SPIDA: A Direction-Finding Antenna for Wireless Sensor Networks -- Testing Selective Transmission with Low Power Listening -- An Experimental Study on IEEE 802.15.4 Multichannel Transmission to Improve RSSI-Based Service Performance -- Poster and Demonstration Abstracts -- Multicasting Enabled Routing Protocol Optimized for Wireless Sensor Networks -- GINSENG - Performance Control in Wireless Sensor Networks -- LynxNet: Wild Animal Monitoring Using Sensor Networks -- Demo Abstract: Bridging the Gap between Simulated Sensor Nodes and the Real World -- A Mote-in-the-Loop Approach for Exploring Communication Strategies for Sensor Networks -- The Deployment of TikiriDB for Monitoring Palm Sap Production -- Cooperative Virtual Memory for Sensor Nodes -- GinConf: A Configuration and Execution Interface for Wireless Sensor Network in Industrial Context -- EdiMote: A Flexible Sensor Node Prototyping and Profiling Tool -- Virtual Sensor WPAN on Demand -- TikiriAC: Node-Level Equally Distributed Access Control for Shared Sensor Networks.
