

1. Record Nr.	UNINA9910483655403321
Titolo	Real-world wireless sensor networks : 4th international workshop, REALWSN 2010, Colombo, Sri Lanka, December 16-17, 2010, proceedings / / Pedro J. Marron ... [et. al.] (eds.)
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer-Verlag, 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	Lecture notes in computer science ; ; 6511
Altri autori (Persone)	MallonPedro J
Disciplina	004.6
Soggetti	Sensor networks Wireless LANs
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.
