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Nota di contenuto	A Semantic-Web Based Situation Inference Tool Under Opportunistic Sensing Paradigm -- Model-Driven Public Sensing in Sparse Networks -- An Integrated WSN and Mobile Robot System for Agriculture and Environment Applications -- A Mobile Agents Control Scheme for Multiple Sinks in Dense Mobile Wireless Sensor Networks -- Highly Distributable Associative Memory Based Computational Framework for Parallel Data Processing in Cloud -- MobiPLACE*: A Distributed Framework for Spatio-Temporal Data Streams Processing Utilizing Mobile Clients' Processing Power -- Modelling Energy-Aware Task Allocation in Mobile Workflows -- Recognition of Periodic Behavioral Patterns from Streaming Mobility Data -- Detection of Real-Time Intentions from Micro-blogs -- Fast and Accurate Wi-Fi Localization in Large-Scale Indoor Venues -- Reality Mining: Digging the Impact of Friendship and Location on Crowd Behavior -- Device Analyzer: Understanding smartphone usage -- Evaluation of energy profiles for mobile video prefetching in generalized stochastic access channels -- Types in their Prime: Sub-typing of Data in Resource Constrained Environments -- Privacy-aware Trust-based Recruitment in Social Participatory Sensing -- Privacy-Preserving Calibration for Participatory

Sensing -- Complexity of distance fraud attacks in graph-based distance bounding -- A Novel Approach for Addressing Wandering Off Elderly Using Low Cost Passive RFID Tags -- Focus and Shoot: Efficient Identification over RFID Tags in the Specified Area -- Middleware – software support in items identification by using the UHF RFID technology -- A Wearable RFID System for Real-time Activity Recognition using Radio Patterns -- MobiSLIC: Content-aware Energy Saving for Educational -- Videos on Mobile Devices -- An Un-tethered Mobile Shopping Experience -- Passive, device-free recognition on your mobile phone: tools, features and a case-study -- Practical image-enhanced LBS for AR applications -- A Layered Secret Sharing Scheme for Automated Profile Sharing in OSN Groups -- Enhancing Context-Aware Applications Accuracy with Position Discovery -- Neighbourhood-Pair Attack in Social Network Data Publishing -- On-demand Mobile Charger Scheduling for Effective Coverage in Wireless Rechargeable Sensor Networks -- Tailoring Activity Recognition to Provide Cues that Trigger Autobiographical Memory of Elderly People -- Two-way communications through firewalls using QLM messaging -- Virtual Wireless User: A Practical Design for Parallel MultiConnect Using WiFi Direct in Group Communication -- Small Cell Enhancement for LTE-Advanced Release and Application of Higher Order Modulation.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 10th International ICST Conference on Mobile and Ubiquitous Systems: Computing, Networking, and Services, MobiQuitous 2013, held in Tokyo, Japan, in December 2013. The 67 revised full papers presented were carefully reviewed and selected from 141 submissions. The papers and 2 invited talks cover a wide range of topics such as mobile applications, social networks, networking, data management and services.
