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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 10972
Disciplina	004.678
Soggetti	Computers Computer organization Software engineering Coding theory Information theory E-commerce Information Systems and Communication Service Computer Systems Organization and Communication Networks Software Engineering/Programming and Operating Systems Coding and Information Theory e-Commerce/e-business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Research Track – Architecture -- A Blockchain-based Decentralized Security Architecture for IoT -- Pattern Based Integration of Internet of Things Systems -- A Novel Wiki Mechanism of Engineering Empirical Knowledge Management -- Research Track - Smart IoT -- Activity Recognition using Graphical Features from Smart Phone Sensor -- Algebraic Service Composition for User-Centric IoT Applications -- QoS-Aware Resource Allocation for Mobile IoT Pub/Sub Systems -- ProCal: A Low-Cost and Programmable Calibration Tool for IoT Devices -- Identification of Remote IoT Users Using Sensor Data Analytics --

Research on the Design of Human Settlement System and Personal Air Purification System under the Background of Internet of Things -- Application and Industry Track -- FPGA Hardware Implementation of Smart Home Autonomous System based on Deep Learning -- An Empirical Analysis of Smart Connected Home Data -- Using Blockchain for IOT Access Control and Authentication Management -- A Middleware Mediated Application Layer Protocol to Decouple Provider-Consumer Relationship in Web Services Orchestration And Its Application in Novel IoT Integration -- Short Paper Track -- RT-OCF: A Lightweight Device-to-Device Framework for the Internet of Things.

Sommario/riassunto

This book constitutes the proceedings of the International Conference on Internet of Things, ICIOT 2018, held in Seattle, WA, USA, in June 2018. The 13 full papers and 1 short paper presented in this volume was carefully reviewed and selected for inclusion in this book. The contributions are organized in topical sections named: Research Track – Architecture; Research Track – Smart IoT; Application and Industry Track; and Short Paper Track. They deal with research and application innovations in the internet of things services. .
