

1. Record Nr.	UNINA9910255008403321
Titolo	Industrial IoT Technologies and Applications : International Conference, Industrial IoT 2016, GuangZhou, China, March 25-26, 2016, Revised Selected Papers / / edited by Jiafu Wan, Iztok Humar, Daqiang Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-44350-X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XI, 270 p. 124 illus.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 173
Disciplina	004
Soggetti	Computers, Special purpose Computer networks Application software Data protection Data mining Special Purpose and Application-Based Systems Computer Communication Networks Computer and Information Systems Applications Data and Information Security Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	The Design and Implementation of Big Data Platform for Telecom Operators -- A Big Data Centric Integrated Framework and Typical System Configurations for SmartFactory -- Data acquisition and analysis from equipment to mobile terminal in Industrial Internet of Things -- Research about Big Data Platform of Electrical Power System -- Research about Solutions to the Bottleneck of Big Data Processing in Power System Research of Mobile Inspection Substation Platform Data Analysis Method and System -- Data Recovery and Alerting Schemes for Faulty Sensors in IWSNs -- Incremental Configuration Update Model and Application in Sponsored Search Advertising -- CP-Robot: Cloud-assisted Pillow Robot for Emotion Sensing and Interaction -- Cloud

Robotics: Insight and Outlook -- Research of Construction and Application of Cloud Storage in the Environment of Industry -- A Novel Integrated GSM Balun Design and Simulation -- A Novel Vehicular Integrated Positioning Algorithm -- Electronic Commerce Platform of Manufacturing Industry under Industrial Internet of Things -- A novel algorithm for detecting social clusters and hierarchical structure in industrial IoT -- Developing Visual Cryptography for Authentication on Smartphones -- A Scale-Free Network Model for Wireless Sensor Networks in 3D Terrain -- Service model and service selection strategies for cross-regional Intelligent Manufacturing -- A model-based service-oriented integration strategy for industrial CPS -- Research on the link quality prediction mechanism based on ARIMA model for multi person cooperative interaction -- Design of multi-mode GNSS Vehicle Navigation System -- Intelligent Storage System Architecture Research Based on the Internet of Things -- Design of Remote Industrial Control System Based on STM32 -- .

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the International Conference on Industrial IoT Technologies and Applications, IoT 2016, held in GuangZhou, China, in March 2016. The volume contains 26 papers carefully reviewed and selected from 55 submissions focusing on topics such as big data, cloud computing, Internet of Things (IoT). .
