

1. Record Nr.	UNINA9910484376103321
Titolo	Smart Computing and Communication : First International Conference, SmartCom 2016, Shenzhen, China, December 17-19, 2016, Proceedings // edited by Meikang Qiu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-52015-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 589 p. 233 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 10135
Disciplina	004
Soggetti	Computer communication systems Data encryption (Computer science) Application software Computers Algorithms Electrical engineering Computer Communication Networks Cryptology Information Systems Applications (incl. Internet) Computation by Abstract Devices Algorithm Analysis and Problem Complexity Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cost Reduction for Data Allocation in Heterogenous Cloud Computing Using Dynamic Programming -- Minimizing Bank Conict Delay for Real-Time Embedded Multicore systems via Bank Mapping -- A Hybrid Algorithm Based on Particle Swarm Optimization and Ant Colony Optimization Algorithm -- Cloud Computing and Pumping Unit Evaluation -- Big Data and Mechanical Drawing Teaching Online -- Energy Saving Method for On-chip Data Bus Based on Bit Switching Activity Perception with Multi-Encoding -- A Novel PSO based Task Scheduling Algorithm for Multi-core Systems -- Artificial bee colony

algorithm with hierarchical groups for global numerical optimization --
An Buffering Optimization Algorithm for Cooperative Mobile Service --
Bignetwork: SDN Protocol Analysis with Process Algebra Method --
Bignetwork: Unsupervised pre-training Classifier Based on Restricted
Boltzmann Machine with Imbalanced Data -- A secure homomorphic
encryption algorithm over integers for data privacy protection in clouds
-- Big Data Management the Mass Weather Logs. - Application Of A
Parallel FSM Parsing Algorithm For Web Engines -- PTrack:A RFID-
based Tracking Algorithm for Indoor Randomly Moving Targets --
Predicting the Change of Stock Market Index based on Social Media
Analysis -- Human activity recognition based on smart phone's 3-axis
acceleration sensor -- Bug analysis of Android applications based on
JPF -- A Genetic-Ant-Colony Hybrid Algorithm for Task Scheduling in
Cloud System -- A Hybrid Algorithm of Extreme Learning Machine and
Sparse Auto-encoder -- Bank card and ID card number recognition in
Android financial APP -- Mining association rules from a dynamic
probabilistic numerical dataset using estimated-frequent uncertain-
itemsets -- Optimized Strategy of MFCC for Multi-sensor Sign
Language Recognition -- Security and Privacy Issues: A Survey on
FinTech -- Multi-sensor system calibration approach based on
forward-model and inverse-model -- A Virtual Communication
Strategy for Smart Photovoltaic Generation Systems -- Hybrid One-
Class Collaborative Filtering for Job Recommendation -- Learning
Quality Evaluation of MOOC Based on Big Data Analysis -- QoS-driven
Frequency Scaling for Energy Efficiency and Reliability of Static Web
Servers in Software-defined Data Centers -- Making Cloud Storage
Integrity Checking Protocols Economically Smarter -- E3: Efficient Error
Estimation for Fingerprint-based Indoor Localization System --
Attribute-based and keywords vector searchable public key encryption
-- PADS:A Reliable Pothole Detection System Using Machine Learning
-- A Quantitative Approach for Memory Fragmentation in Mobile
Systems -- A DDoS Detection and Mitiation System Framework based
on Spark and SDN -- Based on Cloud-based GIS in the Wisdom Yellow
River emergency system design and research -- Based on the MapX
contour mapping algorithm -- The Function of GIS in the Smart City
Construction -- A Novel PSO-DE Co-evolutionary Algorithm Based on
Decomposition Framework -- Rhythm Authentication Using Multi-
Touch Technology: A New Method of Biometric Authentication -- An
Improved Ciphertext-Policy Attribute-Based Encryption Scheme -- An
information-centric architecture for server clustering towards 3D data-
intensive applications -- Efficient Computation for the longest common
subsequence with substring inclusion and subsequence exclusion
constraints -- An Optimal Algorithm for a Computer Game in Linear
Time -- AUDITOR: A Stage-wise Soft-Error Detection Scheme for Flip-
op Based Pipelines -- Aggregating Heterogeneous Services in the Smart
City: The Practice in China -- Improving Reliability of Cache with Hybrid
Memory Hierarchy by STT-RAM -- SOA Reference Architecture:
Standards and Analysis -- An Evolutionary Approach for Short-Term
Traffic Flow Forecasting Service in Intelligent Transportation System --
The production Investigation of DOM Based on full digital
photogrammetric system VirtuoZo -- A Congestion Avoidance
Algorithm based on Fuzzy Controlling -- An Efficient Adaptive-ID
Secure Revocable Hierarchical Identity-based Encryption Scheme --
Understanding Networking Capacity Management in Cloud Computing
-- A PSO-Based Virtual Network Mapping Algorithm with Crossover
Operator -- WiHumidity: A Novel CSI-Based Humidity Measurement
System. – Bike-Sharing System: a Big-Data Perspective. - Process
mining of event log from web information and administration system

for management of student's computer networks. - A Virtual Network Embedding Algorithm based on Hybrid Particle Swarm Optimization -- Research on Content Distribution of P2P VoD with Cloud Assisting.

Sommario/riassunto

This book constitutes the proceedings of the First International Conference on Smart Computing and Communication, SmartCom 2016, held in Shenzhen, China, in December 2016. The 59 papers presented in this volume were carefully reviewed and selected from 210 submissions. The conference focuses on both smart computing and communications fields and aims to collect recent academic work to improve the research and practical applications.
