

CS & IT

YEAR	<u>BEST CS/IT BASED IEEE PAPER TITLES OF 2014</u>	CODE
	<u>CLOUD COMPUTING</u>	
2014	Compatibility-Aware Cloud Service Composition under Fuzzy Preferences of Users	CT_01CC
2014	Data similarity Aware computation infrastructure	CT_02CC
2014	Dynamic Heterogeneity aware resource provisioning in the cloud	CT_03CC
2014	Modelling of Distributed File System for Practical Performance analysis	CT_04CC
2014	A dynamic risk-based access control architecture for cloud computing	CT_05CC
2014	Green Clouds through Servers, Virtual Machines and Network Infrastructure Management	CT_06CC
2014	Decision-Theoretic Planning for Cloud Computing	CT_07CC
2014	Risk-based Dynamic Access Control for a Highly Scalable Cloud Federation	CT_08CC
2014	Environment, Services and Network Management for Green Clouds	CT_09CC
2014	Multi-Tenancy Authorization System with Federated Identity to Cloud Environment Using Shibboleth	CT_10CC
2014	Toward an Architecture for Monitoring Private Clouds	CT_11CC
2014	Experimental Assessment of Routing for Grid and Cloud	CT_12CC
	<u>BIG DATA</u>	
2014	Data Mining with Big Data	CT_01BD
2014	Improving MapReduce Performance Using Smart Speculative Execution Strategy	CT_02BD
2014	Design and Evaluation of Network-Levitated Merge for Hadoop Acceleration	CT_03BD
2014	HEigen: Spectral Analysis for Billion-Scale Graphs	CT_04BD
2014	REDD: A Public Data Set for Energy Disaggregation Research	CT_05BD
2014	Workload Analysis, Implications, and Optimization on a Production Hadoop Cluster: A Case Study on Taobao	CT_06BD

2014	Autonomic Computing and Cyber-infrastructure, System Architectures, Design and Deployment	CT_07BD
2014	Programming Models and Environments for Cluster, Cloud, and Grid Computing to Support Big Data	CT_08BD
2014	Big Data Search Architectures, Scalability and Efficiency	CT_09BD
2014	Big Data Analytics in Government, Public Sector and Society in General	CT_10BD
2014	Design and Evaluation of Network-Levitated Merge for Hadoop Acceleration	CT_11BD
	<u>DATAMINING</u>	
2014	A cocktail Approach for travel package Recommendation	CT_01DM
2014	Discovering the top k Unexplained Sequences in Time Stamped observation data	CT_02DM
2014	Efficient Enumeration of minimal Unsafe States in Complex Resource Allocation systems	CT_03DM
2014	Knowledge Assisted Sequential pattern Analysis for Labor contract prediction	CT_04DM
2014	Multicomm-finding Community Structures in Multi Dimensional Networks	CT_05DM
2014	SemiSupervised Algorithm for rare Prescription side effects discovery	CT_06DM
2014	Spatial Aware Term Selection for Geotagging	CT_07DM
2014	Web based Traffic Sentimental Analysis	CT_08DM
2014	Data Mining for Optimizing IC Feature Designs to Enhance Overall Wafer Effectiveness	CT_08DM
2014	Discriminative Multimetric Learning for Kinship Verification	CT_09DM
2014	Secure Mining of Association Rules in Horizontally Distributed Databases	CT_10DM
	<u>NETWORKING AND NETWORK SECURITY</u>	
2014	Acheiving Maximum Throughput in Random Access protocol with multipacket reception	CT_01NS
2014	Detection Of PUE attacks in Cognitive Radio Network based on signal Activity Pattern	CT_02NS
2014	Ensuring the performance of apache HTTP server affected by aging	CT_03NS
2014	Fault tolerant network interfaces for network on chip	CT_04NS

2014	Human effects of enhanced Privacy Management models	CT_05NS
2014	K zero day safety - Network security metric for measuring the risk of unknown vulnerabilities	CT_06NS
2014	Modelling and Analysis on the propagation dynamics of modern email malware	CT_07NS
2014	Fast and Secure Multihop Broadcast Solutions for Inter vehicular communication	CT_08NS
2014	Verifying Keys through Publicity and Communities of Trust: Quantifying Off-Axis Corroboration	CT_09NS
2014	SybilBelief: A Semi-Supervised Learning Approach for Structure-Based Sybil Detection	CT_10NS
	<u>WIRELESS NETWORKS</u>	
2014	R3E: Reliable Reactive Routing Enhancement for Wireless Sensor Networks	CT_01WN
2014	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks	CT_02WN
2014	A Study on False Channel Condition Reporting Attacks in Wireless Networks	CT_03WN
2014	Achieving Maximum Throughput in Random Access Protocols with Multipacket Reception	CT_04WN
2014	Distributed Processing of Probabilistic Top-k Queries in Wireless Sensor Networks	CT_05WN
2014	ESWC: Efficient Scheduling for the Mobile Sink in Wireless Sensor Networks with Delay Constraint	CT_06WN
2014	Fault Tolerant Localization and Tracking of Multiple Sources in WSNs Using Binary Data	CT_07WN
2014	An application-specific protocol architecture for wireless microsensor networks	CT_08WN
2014	Modeling, Analysis, and Optimization of Multicast Device-to-Device Transmissions	CT_09WN
2014	Noncooperative Cellular Wireless with Unlimited Numbers of Base Station Antennas	CT_10WN
	<u>MOBILE COMPUTING</u>	
2014	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks	CT_01MC
2014	Achieving Maximum Throughput in Random Access Protocols with Multipacket Reception	CT_02MC
2014	Auction-Based Network Selection in a Market-Based	CT_03MC

	Framework for Trading Wireless Communication Services	
2014	Detection of PUE Attacks in Cognitive Radio Networks Based on Signal Activity Pattern	CT_04MC
2014	Interference and Outage in Mobile Random Networks: Expectation, Distribution, and Correlation	CT_05MC
2014	E2D Wi-Fi: A Mechanism to Achieve Energy Efficient Discovery in Wi-Fi	CT_06MC
2014	MobiTribe: Cost Efficient Distributed User Generated Content Sharing on Smartphones	CT_07MC
2014	Mobile cloud new service models and engineering approaches	CT_08MC
2014	Mobile multimedia services, and mobile social community services	CT_09MC
2014	Virtualization techniques for mobile cloud computing and services	CT_10MC
	<u>SOFTWARE ENGINEERING</u>	
2014	Automated Fixing Of Programs with Contracts	CT_01SE
2014	Automatic Summarization of Bug Reports	CT_02SE
2014	Conservation of Information Software's Hidden Clockwork	CT_03SE
2014	Dealing with Traceability in the MDD of Model Transformations	CT_04SE
2014	Governing Software Process Improvements in Globally Distributed Product Development	CT_05SE
2014	Identifying Code of Individual Features in Client-Side Web Applications	CT_06SE
2014	ITREE- Efficiently Discovering High-Coverage Configurations Using Interaction Trees	CT_07SE
2014	Method book- Recommending Move Method Refactoring via Relational Topic Models	CT_08SE
2014	A General Testability Theory: Classes, Properties, Complexity, and Testing Reductions	CT_09SE
2014	Variability in Software Systems—A Systematic Literature Review	CT_10SE
	<u>IMAGE PROCESSING</u>	
2014	Reversible Data Hiding in Encrypted JPEG Bitstream	CT_01IP
2014	Discrimination of Water Surfaces, Heavy Rainfall, and Wet Snow Using COSMO-SkyMed Observations of Severe Weather Events	CT_02IP

2014	Spectral–Spatial Hyperspectral Image Classification With Edge-Preserving Filtering	CT_03IP
2014	Improving the Accuracy of Urban Land Cover Classification Using Radarsat-2 PolSAR Data	CT_04IP
2014	Airway Tree Segmentation in Serial Block-Face Cryomicrotome Images of Rat Lungs	CT_05IP
2014	Blind End-Member and Abundance Extraction for Multispectral Fluorescence Lifetime Imaging Microscopy Data	CT_06IP
2014	Semi-Supervised Hyperspectral Image Classification Using Spatio-Spectral Laplacian Support Vector Machine	CT_07IP
2014	One-Class Classification of Mammograms Using Trace Transform Functionals	CT_08IP
2014	Classification of Very High Spatial Resolution Imagery Based on a New Pixel Shape Feature Set	CT_09IP
2014	Automatic Fastener Classification and Defect Detection in Vision-Based Railway Inspection Systems	CT_10IP
	<u>DISTRIBUTED SYSTEM</u>	
2014	A Model Approach to the Estimation of Peer-To-Peer Traffic Matrices	CT_01DS
2014	A Probabilistic Misbehavior Detection Scheme toward Efficient Trust Establishment in Delay-Tolerant Networks	CT_02DS
2014	A Stochastic Model to Investigate Data Center Performance and QOS in IAAS Cloud Computing Systems	CT_03DS
2014	Achieving Asymmetric Sensing Coverage for Duty Cycled Wireless Sensor Networks	CT_04DS
2014	An Iterative Method for Calculating Robust Rating Scores	CT_05DS
2014	Data Gathering With Compressive Sensing In Wireless Sensor Networks a Random Walk Based Approach	CT_06DS
2014	Distributed Sensing For High-Quality Structural Health Monitoring Using WSNS	CT_07DS
2014	Dynamic Trust Management for Delay Tolerant Networks and Its Application to Secure Routing	CT_08DS
2014	KASR A Keyword-Aware Service Recommendation Method on Map Reduce For Big Data Application	CT_09DS
2014	Neighbor Similarity Trust against Sybil Attack in P2P E-Commerce	CT_10DS