

IEEE PROJECTS 2016-2017



ABILE TECHNOLOGIES

CLOUD COMPUTING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLCD01	A Secure and Dynamic Multi-Keyword Ranked Search Scheme over Encrypted Cloud Data
ABLCD02	A Secure Anti-Collusion Data Sharing Scheme for Dynamic Groups in the Cloud
ABLCD03	An Efficient File Hierarchy Attribute-Based Encryption Scheme in Cloud Computing
ABLCD04	An Efficient Privacy-Preserving Ranked Keyword Search Method
ABLCD05	CDA Generation and Integration for Health Information Exchange Based on Cloud Computing System
ABLCD06	Circuit Ciphertext-Policy Attribute-Based Hybrid Encryption with Verifiable Delegation in Cloud Computing
ABLCD07	CloudArmor: Supporting Reputation-Based Trust Management for Cloud Services
ABLCD08	Conditional Identity-Based Broadcast Proxy Re-Encryption and Its Application to Cloud Email
ABLCD09	Conjunctive Keyword Search With Designated Tester and Timing Enabled Proxy Re-Encryption Function for E-Health Clouds
ABLCD10	DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud
ABLCD11	Dual-Server Public-Key Encryption With Keyword Search for Secure Cloud Storage
ABLCD12	Dynamic and Public Auditing with Fair Arbitration for Cloud Data
ABLCD13	Enabling Cloud Storage Auditing With Verifiable Outsourcing of Key Updates
ABLCD14	Fine-Grained Two-Factor Access Control for Web-Based Cloud Computing Services
ABLCD15	Geometric Range Search on Encrypted Spatial Data
ABLCD16	Identity-Based Encryption with Cloud Revocation Authority and Its Applications
ABLCD17	Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud
ABLCD18	Protecting Your Right: Verifiable Attribute-Based Keyword Search with Fine-Grained Owner-Enforced Search Authorization in the Cloud
ABLCD19	Real-Time Semantic Search Using Approximate Methodology for Large-Scale Storage Systems
ABLCD20	Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption
ABLCD21	Secure Optimization Computation Outsourcing in Cloud Computing: A Case Study of Linear Programming
ABLCD22	TMACS: A Robust and Verifiable Threshold Multi-Authority Access Control System in Public Cloud Storage
ABLCD23	A Modified Hierarchical Attribute-Based Encryption Access Control Method for Mobile Cloud Computing
ABLCD24	DeyPoS: Deduplicatable Dynamic Proof of Storage for Multi-User Environments
ABLCD25	Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing
ABLCD26	SecRBAC: Secure data in the Clouds

DATA MINING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLDM01	A Novel Recommendation Model Regularized with User Trust and Item Ratings
ABLDM02	Automatically Mining Facets for Queries from Their Search Results
ABLDM03	Booster in High Dimensional Data Classification
ABLDM04	Building an intrusion detection system using a filter-based feature selection algorithm
ABLDM05	Connecting Social Media to E-Commerce: Cold-Start Product Recommendation Using Microblogging Information
ABLDM06	Cross-Domain Sentiment Classification Using Sentiment Sensitive Embeddings
ABLDM07	Crowdsourcing for Top-K Query Processing over Uncertain Data
ABLDM08	Cyberbullying Detection based on Semantic-Enhanced Marginalized Denoising Auto-Encoder
ABLDM09	Domain-Sensitive Recommendation with User-Item Subgroup Analysis
ABLDM10	Efficient Algorithms for Mining Top-K High Utility Itemsets
ABLDM11	Efficient Cache-Supported Path Planning on Roads
ABLDM12	Mining User-Aware Rare Sequential Topic Patterns in Document Streams
ABLDM13	Nearest Keyword Set Search in Multi-Dimensional Datasets
ABLDM14	Rating Prediction based on Social Sentiment from Textual Reviews
ABLDM15	Location Aware Keyword Query Suggestion Based on Document Proximity
ABLDM16	Using Hashtag Graph-based Topic Model to Connect Semantically-related Words without Co-occurrence in Microblogs
ABLDM17	Quantifying Political Leaning from Tweets, Retweets, and Retweeters
ABLDM18	Relevance Feedback Algorithms Inspired By Quantum Detection
ABLDM19	Sentiment Embeddings with Applications to Sentiment Analysis
ABLDM20	Top-Down XML Keyword Query Processing
ABLDM21	TopicSketch: Real-time Bursty Topic Detection from Twitter
ABLDM22	Top-k Dominating Queries on Incomplete Data
ABLDM23	Understanding Short Texts through Semantic Enrichment and Hashing

NETWORKING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLNW01	A Stable Approach for Routing Queries in Unstructured P2P Networks
ABLNW02	iPath: Path Inference in Wireless Sensor Networks
ABLNW03	Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks
ABLNW04	Spatial Reusability-Aware Routing in Multi-Hop Wireless Networks
ABLNW05	STAMP: Enabling Privacy-Preserving Location Proofs for Mobile Users

MOBILE COMPUTING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLMC01	Energy and Memory Efficient Clone Detection in Wireless Sensor Networks
ABLMC02	EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data
ABLMC03	Secure Overlay Routing Using Key Pre-Distribution: A Linear Distance Optimization Approach
ABLMC04	Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach

PARALLEL AND DISTRIBUTED SYSTEMS PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLPDC01	A Hop-by-Hop Routing Mechanism for Green Internet
ABLPDC02	Continuous Answering Holistic Queries over Sensor Networks
ABLPDC03	Dictionary Based Secure Provenance Compression for Wireless Sensor Networks
ABLPDC04	The Server Provisioning Problem for Continuous Distributed Interactive Applications

SECURE COMPUTING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLSC01	Contributory Broadcast Encryption with Efficient Encryption and Short Ciphertexts
ABLSC02	Data Lineage in Malicious Environments
ABLSC03	Detecting Malicious Facebook Applications
ABLSC04	FRoDO: Fraud Resilient Device for Off-Line Micro-Payments
ABLSC05	Inference Attack on Browsing History of Twitter Users using Public Click Analytics and Twitter Metadata
ABLSC06	Resolving Multi-party Privacy Conflicts in Social Media

INFORMATION FORENSICS AND SECURITY PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLFS01	Hidden Ciphertext Policy Attribute-Based Encryption Under Standard Assumptions
ABLFS02	Optimized Search-and-Compute Circuits and Their Application to Query Evaluation on Encrypted Data
ABLFS03	Privacy-Preserving Utility Verification of the Data Published by Non-interactive Differentially Private Mechanisms
ABLFS04	Profiling Online Social Behaviors for Compromised Account Detection

IMAGE PROCESSING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLIMP01	A Locality Sensitive Low-Rank Model for Image Tag Completion
ABLIMP02	A Scalable Approach for Content-Based Image Retrieval in Peer-to-Peer Networks
ABLIMP03	Learning of Multimodal Representations with Random Walks on the Click Graph
ABLIMP04	Online Multi-Modal Distance Metric Learning with Application to Image Retrieval
ABLIMP05	Tag Based Image Search by Social Re-ranking

MULTIMEDIA PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLMM01	Social Friend Recommendation Based on Multiple Network Correlation
ABLMM02	User-Service Rating Prediction by Exploring Social Users' Rating Behaviors

SOFTWARE ENGINEERING PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLSE01	Mapping Bug Reports to Relevant Files: A Ranking Model, a Fine-Grained Benchmark, and Feature Evaluation
ABLSE02	Metamorphic Testing for Software Quality Assessment: A Study of Search Engines
ABLSE03	SITAR: GUI Test Script Repair

FUZZY SYSTEMS PROJECT TITLES

PROJECT ID	PROJECT TITLE
ABLFL01	Answering Approximate Queries over XML Data