Keynote Papers
Socio-Sense: A System for Analysing the Societal Behavior from Long Term Web Archive
Building Web-Scale Data Mining Infrastructure for Search
Aggregate Computation over Data Streams
A Family of Optimization Based Data Mining Methods
Tutorials
Web Evolution Management: Detection, Monitoring, and Mining
Research and Practice in Data Quality
Data Mining and Knowledge Discovery
Detecting Overlapping Community Structures in Networks with Global Partition and Local Expansion
High Confidence Fragment-Based Classification Rule Mining for Imbalanced HIV Data
Source Credibility Model for Neighbor Selection in Collaborative Web Content Recommendation
The Layered World of Scientific Conferences
Mining Maximal Frequent Subtrees with Lists-Based Pattern-Growth Method
Mining the Web for Hyponymy Relations Based on Property Inheritance
Detecting Outliers in Categorical Record Databases Based on Attribute Associations

Wireless, Sensor Networks and Grid
An Energy-Efficient Multi-agent Based Architecture in Wireless Sensor Network
Task Migration Enabling Grid Workflow Application Rescheduling
A Dependent Tasks Scheduling Model in Grid
A Hierarchical Replica Location Approach Based on Cache Mechanism and Load Balancing in Data Grid
Wireless Video-Based Sensor Networks for Surveillance of Residential Districts
Trust Maintenance Toward Virtual Computing Environment in the Grid Service
An Association Model of Sensor Properties for Event Diffusion Spotting Sensor Networks
CROWNBench: A Grid Performance Testing System Using Customizable Synthetic Workload

XML and Query Processing and Optimization
A Decision Procedure for XPath Satisfiability in the Presence of DTD Containing Choice
Performance Analysis and Improvement for Transformation Operators in XML Data Integration
Similarity Computation for XML Documents by XML Element Sequence Patterns
Evolving Weighting Functions for Query Expansion Based on Relevance Feedback
Ontology-Based Mobile Information Service Platform
On Safety, Computability and Local Property of Web Queries (Extended Abstract)
Privacy, and Security
Privacy Inference Attacking and Prevention on Multiple Relative K-Anonymized Microdata Sets
Exposing Homograph Obfuscation Intentions by Coloring Unicode Strings
On the Complexity of Restricted k-anonymity Problem
An Efficient Electronic Marketplace Bidding Auction Protocol with Bid Privacy
A Provable Secure Authentication Protocol Given Forward Secure Session Key
A Secure Multi-dimensional Partition Based Index in DAS
Multilateral Approaches to the Mobile RFID Security Problem Using Web Service
Classifying Security Patterns
Enhanced Mutual Authentication and Key Exchange Protocol for Wireless Communications
Verification of the Security Against Inference Attacks on XML Databases
Information Extraction, Presentation and Retrieval
Mining, Ranking, and Using Acronym Patterns
A Method for Web Information Extraction
Information Presentation on Mobile Devices: Techniques and Practices
Pattern-Based Extraction of Addresses from Web Page Content
An Effective Method Supporting Data Extraction and Schema Recognition on Deep Web

The Experiments with the Linear Combination Data Fusion Method in Information Retrieval
Squeezing Long Sequence Data for Efficient Similarity Search
P2P, Agent Systems
An Architecture for Distributed Controllable Networks and Manageable Node Based on Network Processor
Building a Scalable P2P Network with Small Routing Delay
ERASP: An Efficient and Robust Adaptive Superpeer Overlay Network
Traceable P2P Record Exchange Based on Database Technologies
Ontology, Semantic Web and Web Applications
ACORN: Towards Automating Domain Specific Ontology Construction Process
Ontological Knowledge Management Through Hybrid Unsupervised Clustering Techniques
Semantic-Enabled Organization of Web Services
Rule Mining for Automatic Ontology Based Data Cleaning
Towards Automatic Verification of Web-Based SOA Applications
A Novel and Effective Method for Web System Tuning Based on Feature Selection
Effective Data Distribution and Reallocation Strategies for Fast Query Response in Distributed Query-Intensive Data Environments
Data Streams, Time Series Analysis and Data Mining
A Novel Chi2 Algorithm for Discretization of Continuous Attributes
Mining Multiple Time Series Co-movements
Effective Spatia-temporal Analysis of Remote Sensing Data
Supporting Top-K Aggregate Queries over Unequal Synopsis on Internet Traffic Streams

Web Mining and Web Search
ONOMATOPEDIA: Onomatopoeia Online Example Dictionary System Extracted from Data on the Web