Invited Papers

Transactional Memory Today
Maintaining Coherent Views over Dynamic Distributed Data
Malware: From Modelling to Practical Detection
Semantic Frameworks and Meanings in the Architecture

Networking
Fuzzy-Controlled Source-Initiated Multicasting (FSIM) in Ad Hoc Networks
On Optimal Space Tessellation with Deterministic Deployment for Coverage in Three-Dimensional Wireless Sensor Networks
Seamless Handoff between IEEE 802.11 and GPRS Networks
A Tool to Determine Strategic Location and Ranges of Nodes for Optimum Deployment of Wireless Sensor Network
An Efficient Hybrid Data-Gathering Scheme in Wireless Sensor Networks

Grid Computing and Web Services
Introducing Dynamic Ranking on Web Pages Based on Multiple Ontology Supported Domains

Multi-criteria Service Selection with Optimal Stopping in Dynamic Service-Oriented Systems
Template-Based Process Abstraction for Reusable Inter-organizational Applications in RESTful Architecture
Enhancing the Hierarchical Clustering Mechanism of Storing Resources' Security Policies in a Grid Authorization System
A Framework for Web-Based Negotiation

Internet Technology and Distributed Computing
Performance Analysis of a Renewal Input Bulk Service Queue with Accessible and Non-accessible Batches
A Distributed Algorithm for Pattern Formation by Autonomous Robots, with No Agreement on Coordinate Compass
Gathering Asynchronous Transparent Fat Robots
Development of Generalized HPC Simulator
Performance Analysis of Finite Buffer Queueing System with Multiple Heterogeneous Servers
Finite Buffer Controllable Single and Batch Service Queues
Enhanced Search in Peer-to-Peer Networks Using Fuzzy Logic
Software Engineering: Secured Systems
UML-Compiler: A Framework for Syntactic and Semantic Verification of UML Diagrams

Evolution of Hyperelliptic Curve Cryptosystems
Reliability Improvement Based on Prioritization of Source Code
Secure Dynamic Identity-Based Remote User Authentication Scheme
Theoretical Notes on Regular Graphs as Applied to Optimal Network Design
Formal Approaches to Location Management in Mobile Communications
Automated Test Scenario Selection Based on Levenshtein Distance
Societal Applications
Study of Diffusion Models in an Academic Social Network