

DASC-09/PICom-09 Conference Program

December 11, 2009

19:00 - 21:30 Registration

20:00 - 21:30 Reception (Free Refreshments, Wines and Beers are available)

	December 12, 2009
	Conference Hall
8:30 - 9:00	Conference Opening
9:00 - 9:40	Keynote Speech #1
9:40 - 10:20	Keynote Speech #2
10:20 - 10:35	Coffee Break
10:35 - 11:15	Keynote Speech #3
11:15 - 12:00	Keynote Speech #4
12:00 - 13:30	Lunch Time

	Meeting Room 01	Meeting Room 02	Meeting Room 03	Meeting Room 04
13:30 - 15:45	DASC-09 Session 1A	PICom-09 Session 1	PICom-09 Session 2A	Routing-09 Session 1
15:45 - 16:00	Coffee Break			
16:00 - 18:00	DASC-09 Session 1B PICom-09 Session 3A	PICom-09 Session 3B	PICom-09 Session 2B IISHCI-09	Routing-09 Session 2
19:00 - 20:30	Banquet (Free for all authors)			

	December 13, 2009			
	Conference Hall			
8:30 - 9:10	Keynote Speech #5			
9:10 - 9:50	Keynote Speech #6			
9:50 - 10:05	Coffee Break			
	Meeting Room 01	Meeting Room 02	Meeting Room 03	Meeting Room 04
10:05 - 12:00	PICom-09 Session 4 SocialNet-09 Session 1	SCC-09	PICom-09 Session 5	DASC-09 Session 2
12:00 - 13:30	Lunch Time			

13:30 - 15:45	SocialNet-09 Session 2	UbiSafe-09 Session 1	DASC-09 Session 3A	PICom-09 Session 6A
15:45 - 16:00	Coffee Break			
16:00 - 18:00	SocialNet-09 Session 3	UbiSafe-09 Session 2	DASC-09 Session 3B MMASN-09	PICom-09 Session 6B RIPWASS-09

December 14, 2009				
	Meeting Room 01	Meeting Room 02	Meeting Room 03	Meeting Room 04
8:30 - 10:10	Short Papers Session 1	TMUPS-09 SmarTel-09	PICom-09 Session 7A	ACI-09 Session 1
10:10 - 10:25	Coffee Break			
10:25 - 12:00	Short Papers Session 2	Short Papers Session 3	PICom-09 Session 7B	ACI-09 Session 2
12:00 - 13:30	Lunch Time			
13:30 - 18:30	City Tour			

December 12 Saturday Schedule

8:30 AM -9:00 AM

Conference Opening, Conference Hall

9:00 AM -9:40 AM

Keynote Speech #1, Conference Hall

9:40 AM -10:20 AM

Keynote Speech #2, Conference Hall

10:20 AM -10:35 AM

Coffee Break

10:35 AM -11:15 AM

Keynote Speech #3, Conference Hall

11:15 AM -12:00 PM

Keynote Speech #4, Conference Hall

Meeting Room 01

13:30 - 15:45

DASC-09 Session 1A

1. Adaptive Dimensioning of Cloud Data Centers
2. Formal Analysis of Fault Recovery in Self-Organizing Systems
3. Dependability Analysis for AADL Models by PVS
4. Behavioral Study of UNIX Commands in a Faulty Environment
5. Verification of a Lock-Free Implementation of Multiword LL/SC Object
6. Policy Description Language for Dynamic Access Control Models
7. Reliability and Dependability Modeling and Analysis of Dynamic Aspects in Complex Systems

16:00 - 18:00

DASC-09 Session 1B

1. TCBC: Trap Caching Bounds Checking for C
2. A Rare Feature Recognition Approach Based on Fuzzy ART Neural Networks
3. A Utility-Based Adaptive Resource Allocation Policy in Virtualized Environment

PICom-09 Session 3A

1. Design of a Rule Based System Using Structured Query Language
2. Intelligent Context-Based Adaptation for Spatial Routing Applications in Dynamic Environment
3. Blog Hotness Evaluation Model Based on Text Opinion Analysis

Meeting Room 02

13:30 - 15:45

PICom-09 Session 1

1. Performance Study of RFID Localisation in a Challenging Indoor Environment
2. A Mobile Health Monitoring System Using RFID Ring-Type Pulse Sensor
3. Similarity Computation Using Reconfigurable Embedded Hardware
4. A Memetic Algorithm Based on P Systems for IIR Digital Filter Design
5. Key Techniques of Interoperable DRM on Linux Platform
6. VDE: Seamless Mobility on Desktop Environment
7. Mobile Phones as 3-DOF Controllers: A Comparative Study

16:00 - 18:00

PICom-09 Session 3B

1. A Web Text Filter Based on Rough Set Weighted Bayesian
2. Measuring the Probability of Correctness of Contextual Information in Context Aware Systems
3. Cooperative Alert Topic Detection Model in Distributed Environment
4. A Comparison of Social Service Selection Techniques
5. Synthesis and Analysis in Artificial Intelligence: The Role of Theory in Agent Implementation
6. A Software Agent Based Simulation Model for Systems with Decision Units

Meeting Room 03

13:30 - 15:45

PICom-09 Session 2A

1. Modeling Reputation Scheme in P2P File-Sharing by Stochastic Activity Networks
2. Research on the Critical Nodes Compensation Algorithm in Sparse Ad Hoc Wireless Networks
3. On-demand Query Processing in Mobile Ad Hoc Networks
4. A New Method for Coverage in Wireless Sensor Networks
5. A Novel Dual Busy Tone Aided MAC Protocol for Multi-hop Wireless Networks
6. Multi-objective Optimization of Cross-Layer Configuration for Cognitive Wireless Network
7. A Key Agreement Scheme Based on Bilinear Pairing for Wireless Sensor Network

16:00 - 18:00

PICom-09 Session 2B

1. An Adaptive Low Latency Cross-Layer MAC Protocol for Wireless Sensor Networks
2. A New Approach to Secure Aggregation of Private Data in Wireless Sensor Networks
3. ABSR: An Agent Based Self-Recovery Model for Wireless Sensor Network

IISHCI-09

1. A Newly Developed Diamond Search Algorithm
2. Comparison of Neural Network and Kriging Method for Creating Simulation-Optimization Metamodels

Meeting Room 04

13:30 - 15:45

Routing-09 Session 1

1. Study on Buffer Optimal Control Algorithm Based on Infinitesimal Perturbation Analysis for Broadband Satellite Networks
2. An Improved Intrusion Detection Method in Mobile AdHoc Network
3. Multicasting Tree Transformation for Concurrent Modest Multimedia Service
4. Finding Arc and Vertex-Disjoint Paths in Networks
5. A Routing Misbehavior Detection and Mitigating Scheme Based on Reputation in Hybrid Wireless Mesh Networks
6. Multi-metric Routing Decisions in VANET

16:00 - 18:00

Routing-09 Session 2

1. Routing on Shortest Pair of Disjoint Paths with Bandwidth Guaranteed
2. Data Caching Based on Improved DGA in Ad Hoc Networks
3. A Study on Buffer Efficiency and Surround Routing Strategy in Delay Tolerant Network
4. A Load-Balancing and Energy-Aware Routing Protocol for MANET Accessing Internet
5. Compact Routing on Random Power Law Graphs
6. A Framework for Identifier-Based Routing for Future Internet

December 13 Sunday Schedule

8:30 AM -9:10 AM

Keynote Speech #5, Conference Hall

9:10 AM -9:50 AM

Keynote Speech #6, Conference Hall

9:50 AM -10:05 AM

Coffee Break

Meeting Room 01

10:05 - 12:00

PICom-09 Session 4

1. Toward an Understanding of User-Defined Conditional Preferences
2. Design and Implementation of a High Resolution Localization System for In-Vivo Capsule Endoscopy
3. Adaptive Fuzzy Control with Modulated Membership Function Applies to Path Tracking Based on Location System

SocialNet-09 Session 1

1. Noise Source Recognition Based on Two-Level Architecture Neural Network Ensemble for Incremental Learning
2. Crawling Strategy of Focused Crawler Based on Niche Genetic Algorithm
3. A Hybrid Algorithm for Solving Two-Part Division Problem in Network Community Detection

13:30 - 15:45

SocialNet-09 Session 2

1. Influence Diagram Model with Interval-Valued Utilities

2. Research on Social Relation Extraction of Web Persons
3. World Models and Technologies of Psychological Impact to Resolve International Conflicts
4. Fast Complex Network Clustering Algorithm Using Agents
5. Dynamic Social Network Analysis Using Latent Space Model and an Integrated Clustering Algorithm
6. Research on Network Flow Evaluation Benchmark Model
7. Research on the Application of Expert Knowledge Map Based on Social Network Analysis

16:00 - 18:00

SocialNet-09 Session 3

1. Research on Component-Based Model Driven Architecture Development and Assembly
2. A Study of High Concurrency Workload Influence on Modern Processor
3. An Analysis of Security in Social Networks
4. Models of Information and Psychological Operations Used in International Conflicts
5. Bowling Alone and Trust Decline in Social Network Sites
6. Discovery and Visualization of Hierarchical Overlapping Communities from Bibliography Information

Meeting Room 02

10:05 - 12:00

SCC-09

1. Privacy as a Service: Privacy-Aware Data Storage and Processing in Cloud Computing Architectures
2. Cloud Security with Virtualized Defense and Reputation-Based Trust Management
3. SRD-DFA: Achieving Sub-rule Distinguishing with Extended DFA Structure
4. Intrusion Detection in the Cloud
5. A Benchmark of Transparent Data Encryption for Migration of Web Applications in the Cloud

13:30 - 15:45

UbiSafe-09 Session 1

1. People Reidentification in a Camera Network
2. Web Service Selection Algorithm Based on Particle Swarm Optimization
3. Autonomic Trust Extraction for Trustworthy Service Discovery in Urban Computing
4. A Service-Oriented Model for Autonomic Computing Elements Based upon Queuing Theory
5. Runtime Safety Models in Open Systems of Systems Daniel Schneider and Mario Trapp
6. Research on Parallelization of Aspect-Oriented Program

16:00 - 18:00

UbiSafe-09 Session 2

1. A Game Theoretic Approach for Quantitative Evaluation of Security by Considering Hackers with Diverse Behaviors
2. Design Optimization under Aleatory and Epistemic Uncertainties
3. Integration of Resource Poor Wireless Sensor Networks into Smart Spaces
4. Password Recovery for RAR Files Using CUDA
5. Reducing Program Environment Misjudgement on VM Detection Using TSC
6. Research and Implement of Secure Bootstrap for Virtual Machine Based on Trusted Computing Platform

Meeting Room 03

10:05 - 12:00

PICom-09 Session 5

1. A Novel Variable-Boundary-Coded Quantum Genetic Algorithm for Function Optimization
2. On the Linkability and Security Analysis of Two Schnorr-Type Blind Signature Schemes

3. Cryptanalysis of Two Identity Based Signcryption Schemes
4. Cyber-I: Vision of the Individual's Counterpart on Cyberspace
5. Multidimensional Pervasive Adaptation into Ambient Intelligent Environments

13:30 - 15:45

DASC-09 Session 3A

1. Achieving Information Security in Network Computing Systems
2. Securing Session Initiation Protocol in Voice over IP Domain
3. Modeling and Analysis of Self-Reflection Based on Continuous State-Space Approximation of PEPA
4. Composition Planning for Networked Appliances
5. A Dynamic Protection System of Web Server in Virtual Cluster Using Live Migration
6. Replica Placement in Multi-tier Data Grid
7. Grey Prediction Control of Adaptive Resources Allocation in Virtualized Computing System

16:00 - 18:00

DASC-09 Session 3B

1. Security Analysis of NSSK Protocol and its Improvement
2. Evolutionary Design of Relatively Large Combinational Circuits with an Extended Stepwise Dimension Reduction

MMASN-09

1. Joint Topology-Transparent Scheduling and Multipath QoS Routing in MANETs
2. The Optimal Design of Tree Structure Based on Ant Colony of Wireless Sensor Networks Routing
3. A Practical Solution for Automatic Service Discovery and Usage over Resource Poor Ad-hoc Sensor Networks
4. A Remote Monitoring System of IDC Room Based on ZigBee Wireless Sensor Networks

Meeting Room 04

10:05 - 12:00

DASC-09 Session 2

1. Research on Secure and Reconfigurable Architecture Based on Embedded Hardware
2. Low Power Embedded Speech Enhancement System Based on a Fixed-Point DSP
3. A Method for Software Security Growth Based on the Real-Time Monitor Algorithm and Software Hot-Swapping
4. Energy-Efficient Cluster-Based Scheme for Handling Node Failure in Real-Time Sensor Networks
5. Real Hardware Verification by Software for Bootstrap Using TSC

13:30 - 15:45

PICom-09 Session 6A

1. Solving Aircraft-Sequencing Problem Based on Bee Evolutionary Genetic Algorithm and Clustering Method
2. Generating an Approximately Optimal Detector Set by Evolving Random Seeds
3. Learning Navigation Map on Ontology
4. Semantic Web Services Composition Model Based on Domain Ontology Cost Graph
5. An Approach to Multi-issue Active Negotiation Control Algorithm in Multi-stages
6. A Comparative Study of Medical Data Classification Methods Based on Decision Tree and Bagging Algorithms

16:00 - 18:00

PICom-09 Session 6B

1. Robust and Fast Keypoint Recognition Based on SE-FAST
2. Pattern Matching with Independent Wildcard Gaps

RIPWASS-09

1. A Design of Data Acquisition of High Speed CCD Camera
2. Acceptance and Applications of Smart Cards Technology in University Settings

3. Design of 3D Positioning Algorithm Based on RFID Receiver Array for In Vivo Micro-Robot
4. Public-Mailbox-Based Online Homework-Automatic-Processing Platform
5. An On-line Monitor System on Off-Gases of Vehicles with WSN's Design Based on Zigbee Technology

December 14 Monday Schedule

Meeting Room 01

8:30 - 10:00

Short Papers Session 1

1. A Tool for Identifying Ragas Using MIDI (Musical Instrument Devices) for CMIR (Classical Music Information Retrieval)
2. A New Connected Component Analysis Algorithm Based on Max-Tree
3. P2P-Based Single Sign-On
4. Research of Fingerprint Recognition
5. A Synthetic Network Management Model Based on ForCES FE Model

10:15 - 12:00

Short Papers Session 2

1. A Symmetric Key Based RFID Authentication Protocol Using Encrypted Tag ID
2. A Lightweight RFID Authentication Protocol Using Step by Step Symmetric Key Change
3. Realization of Intelligent Dynamic Topology Management in Next Generation Network
4. Publish and Subscribe Model Based on WS-Notification
5. Research of Summarization Extraction in Multiple Topics Document

Meeting Room 02

8:30 - 10:00

TMUPS-09

1. REAR: Real-Time Energy Aware Routing for Wireless Adhoc Micro Sensors Network
2. An Intelligent MANet Routing Method MEC

SmarTel-09

1. Research of Fingerprint Image Quality Estimation
2. Interactive Pervasive Wireless Services over GPRS and Bluetooth
3. Robust Medical Data Delivery for Wireless Pervasive Healthcare

10:15 - 12:00

Short Papers Session 3

1. A Kind of Improved Vector Space Model
2. A Short Distance Data Dissemination Protocol for Wireless Sensor Networks
3. Delay-Dependent Robust Global Asymptotic Stability for Stochastic Neural Networks with Discrete-Delay and Unbounded Distributed Delays

Meeting Room 03

8:30 - 10:00

PICom-09 Session 7A

1. An Improved Method to Reduce Over-Segmentation of Watershed Transformation and its Application in the Contour Extraction of Brain Image
2. Automatic Segmentation in Tongue Image by Mouth Location and Active Appearance Model
3. A General Framework of Brain-Computer Interface with Visualization and Virtual Reality Feedback
4. Salmon: Precise 3D Contours in Real Time

5. Correlation Between Forehead EEG and Sensorimotor Area EEG in Motor Imagery Task

10:15 - 12:00

PICom-09 Session 7B

1. Position Calculating and Path Tracking of Three Dimensional Location System Based on Different Wave Velocities
2. Efficient Video Quality Assessment for Broadcasting Multimedia Signal
3. A Peer to Peer Large Data Parallel Computing System and its Application in High-Resolution Video Processing

Meeting Room 04

8:30 - 10:00

ACI-09 Session 1

1. Water-Bloom Medium-Term Prediction Based on Gray-BP Neural Network Method
2. Intrusion Detection Based on Data Mining
3. A Hybrid Approach for Chinese Named Entity Recognition in Music Domain
4. Research on One Intelligent Prediction Method for Water Bloom
5. Towards Integrated Simulation of Cyber-Physical Systems: A Case Study on Intelligent Water Distribution

10:15 - 12:00

ACI-09 Session 2

1. Using Nature to Best Clarify Computer Security and Threats
2. Designing a Network Acquisition System of Competitive Intelligence