



The 2nd International Conference on Networking and Digital Society

May 30-31, 2010, Wenzhou, ICNDS 2010



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MAIN TOPICS

We solicit research papers and case studies on any theme related to design thinking, theory, and practice. We place a premium on evidence-based research. Mindful of earlier conferences in the series we offer the following themes of interest and invite authors to take a specific point-of-view. We anticipate that issues at the intersections will be of particular relevance and interest. The conference theme includes, **but not limited to**, the following topic:

A: Networking

Network Communications and Technologies

Network Control and Management

Multi-technology service deployment and assurance

Next Generation Networks and Ubiquitous Services

Multi Provider QoS/SLA Internetworking

Grid Networks and Services

Emergency Services and Disaster Recovery of Networks and Applications

IPv6DFI: Deploying the Future Infrastructure

IPDy: Internet Packet Dynamics

Storage area networks

Access and home networks

High-speed networks

Optical networks

Peer-to-peer and overlay networking

Mobile networking and systems

MPLS-VPN, IPSec-VPN networks

Broadband networks

Quality of service, service level agreement

Reliability, availability, serviceability

Traffic engineering, metering, monitoring

Voice over IP services

Performance evaluation, tools, simulation

Network, control and service architectures

Network middleware

On-demand networks, utility computing architectures

Applications and case studies

B: Digital Society

E-Government strategies

E-Government platforms

IP-based networking and applications

Web Services, Semantic Web

E-Learning and mobile learning

Open and distance education systems

Peer-to-Peer Systems

Information systems

Consumer-oriented e-commerce

Mobile commerce

Wearable devices

Smart consumer appliances

Consumer accessibility appliances and services

Knowledge for global defense

Security in network, systems, and applications

Trust, privacy, and safeness

Business continuity and availability

Cryptography and algorithms encryption

Rapid Internet attacks and network

Applications and network vulnerabilities

Social networking technologies (Web 2.0; face Book, You Tube, Twitter, etc.)

Enterprise social networking

Text-audio-video blogs

Personalization for search and for social interaction

Dynamics, evolution, and trend prediction patterns

C. Communication & Grid

Ad Hoc, Sensor and Mesh Networking

Communication Theory

Communications Quality of Service, Reliability, and Performance Modeling

Communications Software and Services

Computer and Communications Network Security

Next Generation Networks, Protocols, and Services

Optical Networks and Systems

Signal Processing for Communications

Wireless Communications

Wireless Networking

Other Selected Areas in Communications

Cluster and Grid Integration

Creation and Management of Virtual Enterprises and Organizations

Distributed and Large-Scale Data Access and Management

Grid Economy and Business Models

Information Services

Metadata, Ontologies, and Provenance

Middleware and Toolkits

Monitoring, Management and Organization Tools

Performance Measurement and Modeling

Problem Solving Environments

Programming Models, Tools and Environments

QoS and SLA Negotiation

Resource Management, Scheduling, and Runtime Environments

Scientific, Industrial and Social Implications

D. Wireless & other topics

Ultra-Wideband Communications

Software Radio & Re-configurability, Cognitive Radio

Cross-layer Design in Mobile and Wireless Networks

Power Management for Small Terminals

2G - 3G - 4G Migrations, Convergence and Interworking

WiFi, WiMAX, 3GPP LTE

Wireless LAN/PAN/BAN

Location-based Services and Positioning

High Altitude Platforms and Satellites

Wireless Broadband Mobile Access

Mobility Management and Billing Technologies

QoS and Resource Allocation in Mobile Networks

Security and Robustness in Wireless Networks

Mobile/Wireless Networks Modeling and Simulation

Radio Channel Measurements

Radio Channel Modeling

Antenna Issues in Wireless Communications

Smart Antennas and MIMO systems

Signal Processing for Wireless Communications

Synchronization, Channel Estimation, Equalization

Iterative Detection and Processing

DATES AND SUBMISSION METHODS

Important Dates:

Paper submission due: March 5, 2010

Notification of acceptance: April 5, 2010

Submission of camera-ready papers: April 25, 2010

Conference date: May 30-31, 2010

Prospective authors are encouraged to submit a full paper for review by March 5, 2010 in Word format. Only original papers that have not been published or submitted for publication elsewhere will be considered. The submission process is carried through ICNDS conference management system:

<http://www.icndsconf.org/submission>

Please use the [Microsoft Word template](#) to prepare your final version, including figures, tables and references. A standard paper should not exceed 4 pages. All accepted papers will be presented in oral sessions or poster sessions. The proceedings of ICNDS 2010 will be published by **IEEE** (IEEE Catalog Number: CFP1066G-PRT, ISBN: 978-1-4244-5161-6, Library of Congress: 2009934064)

Submission methods:

[Electronic Submission System](#)

ABOUT ICNDS 2009

ICNDS I2009 has received an overwhelming response of 650 papers submitted to the Program Committee, from 4 countries and regions. All the submitted papers in these proceedings have been peer reviewed by at least two reviewers drawn from the chairs of committees depending on the subject matter of the paper. Reviewing and initial selection were undertaken electronically. A joint committee meeting was held to resolve the final paper selection and a draft programmed for the conference. After the rigorous reviewing process, about 140 papers were accepted for presentation and included in the proceedings.

The proceedings of ICNDS 2009 have been included in IEEE Xplore.:

<http://ieeexplore.ieee.org/xpl/RecentCon.jsp?punumber=5116188>



Published by the IEEE Computer Society
10662 Los Vaqueros Circle
P.O. Box 3014
Los Alamitos, CA 90720-1314

IEEE Computer Society Order Number P2430
BMS Part Number: CFP0906G-PRC
Library of Congress Number 2009000068
ISBN 978-0-7695-3635-4



Computer
Society
Press

2009 International Conference on **Networking and Digital Society**

2009 International Conference on

Networking and Digital Society

Guiyang, Guizhou, China
30-31 May 2009

Organized by
Peking University, China
Guizhou University, China
Chingqing Normal University, China