**IEEE**
UAE Section

## DUBAI
### November 19–21 2006

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## IMPORTANT DATES

Submissions By: August 15th, 2006
Notification By: September 30th, 2006
Manuscript Due: October 20th, 2006
Registration By: October 28th, 2006

## CONFERENCE JOURNALS

Selected papers will be considered in the following IDEA Publishing journals:
- *Information Technology & Web Engineering*
- *Business Data Communication & Networking*
- *E-Business Research*
- *Semantic Web & Information Systems*

# Innovations 2006 Call For Papers

### Conference Theme: "Creating Value Driven IT in the Digital Age"

The International Conference on Innovations in Information Technology is a premier forum for the presentation of technological advances and research results from both industry and academia. It is held in Dubai, a dynamic and vibrant city, and in conjunction with GITEX, the world's third largest IT exhibition.

Innovations 2006 is a unique conference that brings together academic researchers, industry researchers, and world renowned IT business and government leaders. In addition to the technical program, the conference will host the "IT Showcase" event highlighting some of the major IT developments in the Gulf region.

Innovations 2006 seeks original papers describing research in all areas of Information Technology which contribute to the conference theme. Papers should not have been published or be in submission at another conference or journal. Topics (categorized under the following track areas) include but are not limited to:

## INFORMATION AND COMMUNICATION TECHNOLOGY INFRASTRUCTURE

- VLSI Circuits & Technologies
- Simulation & Modeling
- Electronic Design Automation
- Advanced Computer Architectures
- Advanced Network Architectures
- Ad-Hoc & Sensor Networks
- Network Design & Planning

- Wireless, WiMAX, & Cellular Systems
- Multimedia Systems & Protocols
- Real-Time and Embedded Systems
- High Performance & Cluster Computing
- Wearable Computers

- Distributed Systems
- Grid Computing
- Pervasive Computing
- Software & operating  systems
- System Performance
- Virtualization Technologies
- System Management

## WEB TECHNOLOGIES, APPLICATIONS AND SERVICES

- Internet Services and Applications
- Web Based Software
- Web Services
- Semantic Web
- Internet Computing
- Bioinformatics

- Mobile Computing
- Agent-Oriented Computing
- Virtual Reality
- Human Computer Interaction
- Ubiquitous Computing
- E-Learning

- Usability and Ergonomics
- Portal Strategies
- Internet Protocols
- Internet Security & Trust
- Migration of Legacy Systems
- Advanced Middleware

## E-BUSINESS, E-GOVERNANCE AND INFORMATION SYSTEMS

- Databases & Data Mining
- Information Systems Integration
- Enterprise Information Systems
- E-Commerce & E-Government
- Agile Information Systems
- System Organizational Issues

- Supply Chain Management
- AI & Decision Support Systems
- Business Process Modeling
- Enterprise Resource Planning
- Ontology Engineering
- Web Information Systems

- Authentication & Access Control
- Digital Libraries
- Data Warehousing
- Knowledge Management
- Knowledge-Based Systems
- Geographic Information Systems

## SOCIO-ECONOMIC IMPLICATIONS OF INFORMATION AND COMMUNICATION TECHNOLOGIES

- Privacy, Security, & Civil Liberties
- Implications of Modern ICTs
- Social Acceptance of Cyberinformatics
- Privacy Issues
- Liability and Legal Issues
- Internet Politics & Economics

- Antitrust Issues
- IT Economic Regulatory Issues
- Supply and Demand of IT
- Strategic Impacts of IT
- IT Adoption and Diffusion
- IT Management

- Econometric of IT
- Internet Intellectual Property
- Online Communities
- Equitable Access to IT
- Computing Ethics
- Internet Law & Compliance

**SUBMISSION GUIDELINES AVAILABLE AT : http://www.it-innovations.ae**