



# Innovations'08

5th International Conference on Innovations in Information Technology  
December 16-18, 2008 Al Ain, United Arab Emirates

## Call For Papers

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Innovations in Information Technology (Innovations'08), is a premier forum for the presentation and discussion of technology advances and research results in the field of Information Technology (IT). Held for the first time in the oasis city of Al Ain, the fourth largest city in the United Arab Emirates (UAE), Innovations '08 is the fifth in the series that has been held since 2004. The conference brings together leading engineers, scientists, researchers and academics in IT from around the world. The latest research advances in fields ranging from traditional computer science to evolving web technologies, bioinformatics and healthcare informatics are explored in Innovations' technical sessions.

Innovations'08 will be hosted by the College of Information Technology (CIT). The CIT is the newest addition to the United Arab Emirates University (UAEU), the oldest and largest university in the UAE.

Topics include, but are not limited to:

### COMMUNICATION NETWORKS & SECURITY

- 4G Wireless Communications
- Wireless Access Technologies
- Ad Hoc & Sensor networks
- Mobile & Mesh Networks
- Network Security & Privacy
- Cryptography & Authentication
- Multimedia Communications
- Network Management & Performance
- Network Design & Planning
- Personal Area Networks
- Heterogeneous Networks
- Biometrics & Access Control

### INFORMATION SYSTEMS & SERVICES

- Internet Services and Applications
- IT Management
- Information Ethics & IP
- Services Computing
- Databases & Data Mining
- Enterprise Information Systems
- Web Services and Service Oriented Architecture
- E-learning & M-learning
- E-commerce & E-government
- Ontology and Semantic Web
- Geographical Information Systems
- Business Process Modeling

### BIOINFORMATICS AND HEALTHCARE INFORMATICS

- Bio-Sequence Analysis
- Gene and Protein Expression Analysis
- Protein Structure and Function Prediction
- Systems Biology, Pathway Analysis
- Immunoinformatics
- Biological Data Visualization
- Computational Drug Discovery and Design
- e-Health Systems and Services
- Healthcare IT systems and Implementation
- Telehealth, E-prescribing and Patient Portals
- Design and Evaluation of Patient/Disease Registries
- Patient Safety, Quality Improvement and Technology

### COMPUTING SYSTEMS

- Advanced Computer Architectures
- Simulation and Modeling
- Performance and Reliability
- Computer Aided Design
- Scientific Computing
- Embedded Systems
- Agent-Based Systems
- High Performance and Grid Computing
- Fault-Tolerant Algorithms and Systems
- VLSI Circuit Design

### SUBMISSION

Innovations 2008 seeks original **full-length (5 pages maximum)** paper proposals describing research in all areas of Information Technology that contribute to the conference theme. All papers will be peer reviewed and acceptance will be based on quality, relevance and originality. Submissions for tutorials and special sessions are also welcome. The submission guidelines can be found on the conference website:

<http://www.it-innovations.ae>

### IMPORTANT DATES

Tutorial & special-session proposals due:	<b>June 16, 2008</b>
Paper and poster submissions due:	<b>September 1, 2008</b>
Notification of acceptance:	<b>October 3, 2008</b>
Final camera ready paper due:	<b>November 2, 2008</b>

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