

## Call For Papers

The 2014 International Conference on Progress in Informatics and Computing (PIC-2014) encourage you submitting original papers in, but not limited to, the following topics.

### ARTIFICIAL INTELLIGENCE

- Knowledge Representation and Inference
- Machine Learning / Data Mining
- Pattern Recognition
- Speech Recognition
- Image & Video Recognition
- Cognitive Computing
- Decision Support /Multi-Agent Systems
- Information Retrieval and Search
- Natural language processing
- Computational Linguistics
- Fuzzy Logic & Uncertain Inference
- Knowledge Engineering & Management
- Intelligent Systems / Expert Systems
- Semantic Web Technologies
- Recommendation Systems

### MULTI-MEDIA & HUMAN-COMPUTER INTERACTION

- Computer Graphics
- Computer Aided Design
- Virtual Reality
- Scientific Computing, Computer Simulation
- Affective Computing
- Multimodal Computing and Interaction
- Video & Image Processing
- Multimedia Systems, Computer Games
- Intelligent User Interfaces
- Computer Art: Writing, Painting, Music
- Intelligent Interaction
- Geographical Information Systems

### DATABASES AND INFORMATION SYSTEMS

- Big Data Management
- Unstructured Data Management
- Multi-Media Data Management
- Web, Mobile Data Management
- Distributed Data Management
- Web Information Systems and Services
- Data and Information Visualization
- XML Databases / Active Databases
- Object Oriented Database
- Data Warehouses, Information Integration
- Information Security, Cryptography
- Privacy Models for Information Systems
- Transaction Management
- Workflow Management

### SOFTWARE ENGINEERING

- Software Reuse & Product Line Engineering
- Requirements Engineering
- Software Development Process Management
- Software Analysis, Test and Measure
- Trustworthy Software
- Agile and Adaptable Development Methods
- Modeling Formalisms, Languages & Applications
- Object-Oriented Design & Applications
- Aspect-Oriented Design & Applications
- Agent-Oriented Programming
- Service-Oriented Architecture
- CASE Tools

### PERVASIVE COMPUTING

- Context-Aware Computing
- Cloud Computing
- Grid Computing
- Wireless Sensor Networks
- Quality of Service
- Internet of Things
- Vehicular Networks
- Body Sensor Network
- Wireless and Mobile Computing
- Embedded Systems

### APPLIED INFORMATICS

- Management Information Systems
- Computer Supported Cooperative Work
- E-Commerce, E-Learning, E-Government Systems
- Health, Clinical & Biomedical Informatics
- Legal Informatics
- Supply Chain Management
- Logistics Management
- Emergency Management
- Business Intelligence
- Digital Library
- Social Informatics / Social Networks
- Computer Integrated Manufacturing
- Computing in Automatic Control
- Business Processes Re-Engineering