



# 2<sup>nd</sup> International Symposium on Computing in Science and Engineering

GEDİZ UNIVERSITY  
izmir

ISCSE 2011 - Second International Symposium on Computing in Science and Engineering  
01 June 2011 to 04 June 2011  
KUSADASI - IZMIR, TURKEY

ISCSE is a yearly annual covering all aspects of computational studies in science and engineering. We cordially invite researchers and academicians who study on science and engineering to the forthcoming ISCSE 2011.

The deadline for extended abstracts is **07 March 2011**.

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**Web Address** : <http://iscse2011.gediz.edu.tr>  
**Organized by** : Gediz University, Faculty of Engineering and Architecture (<http://www.gediz.edu.tr>)

## Topics of ISCSE 2011

Actuarial Sciences and Risk Management for Insurance Companies	Distributed Systems	Performance Evaluation
Affective Computing	DNA Computing	Perturbation Methods
Algorithms	E-commerce and E-governance	Quantum Algorithms
Approximations and Expansions	Event Driven Programming	Quantum Complexity Theory
Architectural Simulation Technics	Expert Systems	Quantum Computation
Artificial Intelligence	Financial Modeling; Risk Management; Banking	Quantum Computing in Mesoscopic Systems
Automated Software Engineering	Foundation of Soft Computing and Intelligent Control Systems	Quantum Cryptography
Automatic Control	Fuzziness and Soft Computing	Quantum Estimation Theory
Automation and Intelligence in Buildings	Fuzzy Logic	Quantum Logic
Bio-informatics	Fuzzy Mathematical Morphology	Quantum Optical Methods in Computation and Metrology
Bioinformatics and Scientific Computing	Fuzzy Sets	Reconfigurable Computing Systems
CAD-CAM Applications	Game Theory	Remote Sensing
Cellular Automata	Genetic Algorithms	Risk Analysis
Chaos	Geographic Information Systems	Risk Analysis and Automated Software Engineering
Compilers and Interpreters	Geomatics	Robotics and Automation
Computational Techniques in Mechanical Engineering	Growth models	Security & Cryptography
Computer Animation	Handwriting Recognition, Soft Computing and Probabilistic Approaches	Soft computing
Computer Architecture and Embedded Systems	Health, Life Sciences & Bioinformatics	Soft Computing Algorithms for Denoising and Restoration
Computer Graphics & Virtual Reality	High Performance Computing	Soft Computing and Intelligent Data Analysis
Computer Graphics and Multimedia	Human Centered Intelligent Systems and Soft Computing	Soft Computing and Intelligent Systems
Computer Modeling	Human Computer Interaction	Soft Computing Approach to Pattern Recognition and Image Processing
Computer Networks	Image Processing	Soft Computing in Computer Vision
Computer Security	Information Retrieval	Soft Computing Methods in Human Sciences
Computer Simulations	Information Systems	Software Engineering
Computer Vision	Iteration Methods	Statistical Computing
Computing Ethics	Location; Logistics; Transportation; Traffic	Stochastic Processes
Computing Practices & Applications	Mathematical & Experimental Economics	Symbolic Computation
Computing With Words in Information Intelligent Systems	Mathematical Computations and Applications	Systems Modeling and Simulation
Continuous Optimization and Control	Metaheuristics & Biologically Inspired Approaches	Telecommunication and Network Analysis
Control Systems	Mobile Computing	Teleportation and Entanglement-Assisted Communication
Data Communications	Modeling Languages	The Art of Granular Computing
Data Compression	Multimedia Applications	Theoretical Computer Science
Data Encryption	Multiple Criteria Decision Making, Optimization & Group Decision	Ubiquitous Computing
Data Envelope Analysis and Performance Measurement	Natural Language Processing	VHDL Design
Data Mining	Neural Networks	
Database Systems	Nonlinear Dynamics	
Decision Analysis	Numerical Analysis	
Decision Support Systems	Optimization in System Sciences	
Digital and Computer Design	Parallel Computing	
Digital System and Logic Design	Pattern Recognition	
Discrete Optimization; Graphs & Networks		
Distributed and Parallel Processing		