



ISIAC 2010

Kobe, Japan

19 – 23 September 2010

Call for Papers 8th International Symposium on Intelligent Automation and Control

The 2010 **World Automation Congress** International Symposium on Intelligent Automation and Control will bring together researchers from multiple disciplines to advance the use of artificial intelligence in the control and/or development of automated systems. Technical topics of the symposium include but are not limited to:

Actuator Technology	Distributed Systems	Intelligent Manufacturing	Real-Time Games
Adaptive Systems	Energy Systems	Intelligent Systems	Reinforcement Learning
Aerospace Systems	Evolutionary Computation	Knowledge-Based Systems	Risk Management
Artificial Intelligence	Evolutionary Robotics	Learning Systems	Robotics
Automation Applications	Evolvable Hardware	Machine Intelligence	Robot Learning
Autonomous Agent Control	Expert Systems	Machine Learning	Robust Control
Autonomous Robots	Fault Detection	Mechatronics	Search Techniques
Autonomous Systems	Flexible Manufacturing	Medical Applications	Self-Tuning Control
Automatic Code Generation	Fuzzy Control	Micro-Sensors/Actuators	Sensor Fusion
Behavior-Based Control	Fuzzy Systems	Multi-Agent Systems	Sensor Technology
Biomedical Engineering	Game Player Control	Neural Networks	Signal Processing
Command / Control Systems	Genetic Algorithms	Neuro Control	Soft Computing
Computational Intelligence	Hardware Control	Nonlinear Systems	Space Systems Control
Computer Vision	Instrumentation	Optimization	Stability Issues
Control Systems	Health Care Technology	Pattern Analysis	Statistical Methods
Cybernetics	Hierarchical Systems	Petri Nets	Stochastic Systems
Decision Support Systems	Image Processing	Probabilistic Reasoning	Supervisory Control
Decision Systems	Industrial Processes	Process Control	Transportation Systems
Discrete Event Systems	Intelligent Control	Qualitative Reasoning	Video Game Agent Control

Special Sessions & regular papers Due: 15 December 2009. For submission details, see the World Automation Congress (WAC 2010) website at <http://wacong.org>.



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