ICIIS 99

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I C I I S
IEEE International Conference on Information, Intelligence, and Systems

Washington DC, November 1-3, 1999

Conference Consists of Four Symposia Tracks:

Intelligence in Automation and Robotics

Some Topics: Robot Path Planning, Multiple Robot Motion Planning, Autonomous Navigation, Arm/Leg Control, Robot Vision, Visual Tracking, Human-Robot Symbiosis, Telerobotics, Micro and Nano Robotics, Robot Cooperation, Assembly Strategies, Sensors, Walking/Running Robots, Task Planning, Process Planning, Scheduling, Intelligent Control.

Information and Intelligent Agents

Some Topics: Agent models and architectures, Agent-oriented programming, Communication issues and protocols, Cooperation and coordination, Cooperative information systems, Conflict resolution and negotiation, Distributed search, Intelligent agents, Multiagent planning and learning, Practical applications (Enterprise integration, Feature interaction, Information gathering, Manufacturing, Software agents, Software engineering), Testbeds and development environments, User interface issues.

Intelligence in Neural and Biological Systems

Some Topics: Biological Models, Computational Biology, Evolutionary Dynamics, Evolutionary Computation Models, Molecular Biology, DNA Sequence Processing, Genome Processes, DNA Topologies, Genome Mapping and Sequencing, Learning, Perception, Models of Neural Nets, Neuroscientific Models.

Image, Speech, and Natural Language Systems

Some Topics: Image (Coding, Compression, Encryption, Segmentation, Enhancement, Restoration, Skeletonization, Analysis, Morphology, Databases, Video, Pattern Recognition, OCR, Image Understanding & Interpretations, Mathematical Methods); Speech (Coding, Compression, Processing, Analysis, Synthesis, Recognition, Understanding); Natural Language (NL) Processing, Computational Linguistics, Document Processing, NL Translation, NL Understanding, Multimedia.

Conference includes tours to NIST or NASA, and NIH or TIGR

Important Dates:

May 15, 1999 (Saturday): Draft papers due
June 30, 1999 (Wednesday): Notification of acceptance
August 16, 1999 (Monday): Camera-Ready papers & Preregistration due
November 1 - 3, 1999: ICIIS'99 Conference

For more information: http://ICIIS99.cs.unr.edu/