ETFA 2007

12th IEEE Conference on Emerging Technologies and Factory Automation

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Call for Papers

Track 9: Intelligent Robots and Systems

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Intelligent robots and intelligent embedded systems are spreading from the factory floor to human living environments, such as museums, hospitals, homes and urban environments. These new generations of robotic systems promise to revolutionize the relation between people and technology. This ETFA'2007 track on Intelligent Robots and Systems aims to gather researchers reporting recent results in the development of robots actually deployed for real-world applications, robot prototypes, intelligent embedded systems, applications of artificial intelligence, cognitive science and signal processing in robotics, and usability studies. Researchers are specially encouraged to submit papers emphasizing the integration of different robotic capabilities in a single robotic system, as well as network robotics. Therefore, the topics of the track include, but are not limited to:

- Intelligent robot assistants

- Intelligent embedded systems

- Perception, control and manipulation for intelligent robots and systems

- Reasoning under uncertainty

- Planning and failure recovery

- Robot learning

- Human-robot interaction

- Robot vision

- Natural language grounding

- Integrated intelligence

- Cognitive robotics

- Usability studies

- Cooperative and collaborative robotics

- Network robotics

- Distributed robotic architectures

Submission of Papers: Papers should be submitted following the "Instruction for Authors" under the Call for Papers on the ETFA'2007 Conference Web site (www.etfa2007.org).

Paper Acceptance: Each accepted paper must be presented at the conference by one of the authors. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees, including authors and session chairpersons, must pay the conference registration fee and their travel expenses.

Author's Schedule:
Deadline for submission of long papers: May 14, 2007
Notification of acceptance of long papers: June 15, 2007
Deadline for submission of final manuscripts: July 16, 2007

Further Information: ETFA'07 Conference Secretariat: (Tel.: +30-2610-996427, 996440, 910308, 997284 Fax: +30-2610-996818, 910303, etfa2007@isi.gr)

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