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**Call for Papers**

**Track 6**  
**Intelligent Robots and Systems**

*Track Co-Chairs*

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Scope. 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 generation of robotic systems promise to revolutionize the relation between people and technology. This ETFA'2008 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
- intelligent environment

**Submission of Papers:** Paper should be submitted following the "Instruction for Authors" under the Call for Papers on the EFTA'2008 Conference Web site (<http://www.etfa2008.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:	April 30, 2008
Notification of acceptance of long papers:	June 1, 2008
Deadline for submission of final manuscripts:	July 1, 2008

**Further Information:** ETFA'08 Conference Secretariat:

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