

September 22-26 2009, Palma de Mallorca, Spain

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Track 7. 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 generation of robotic systems promise to revolutionize the relation between people and technology. This ETFA'2009 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, as well as usability studies. Researchers are specially encouraged to submit papers emphasizing the integration of different capabilities in either a single or in a distributed robotic system.

Therefore, the topics of the track include, but are not limited to:

- cognitive robotics
- cooperative and collaborative robotics
- distributed robotic architectures
- human-robot interaction
- integrated intelligence
- intelligent robot assistants
- intelligent embedded systems
- natural language grounding
- network robotics
- perception, control and manipulation for intelligent robots & systems
- planning and failure recovery
- reasoning under uncertainty
- robot learning and robot vision
- usability studies

SUBMISSION OF PAPERS

Papers are to be submitted electronically. For further details,
please consult the conference web pages.

AUTHOR'S SCHEDULE

Deadline for submission of full papers: April 30, 2009
Notification of papers acceptance: June 8, 2009
Final manuscripts due: July 5, 2009

www.etfa2009.org