ROBÓTICA FESTIVAL NACIONAL DE ROBÓTICA 2013

13th International Conference on Mobile Robots and Competitions
http://www.dem.isel.pt/robotica2013
Instituto Superior Engenharia de Lisboa, Lisbon, Portugal
24-28th April 2013

RoboCup · IEEE · SPR www.spr.ua.pt · IpL

CALL FOR PAPERS

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(To be completed)

The 13th International Conference on Autonomous Robot Systems and Competitions is an international scientific meeting in the field of Mobile Robotics technically co-sponsored by the IEEE and sponsored by the IEEE Robotics and Automation Society (RAS), through its Portuguese Chapter. It will take place in Lisbon, Portugal, from 24 to 28 of April 2013, in conjunction with the 13th Portuguese Robotics Open, a RoboCup Local Event with several other associated competitions. Its scope encompasses, but is not limited to, the fields of Artificial Intelligence, Robotics and Education. The 13th International Conference on Autonomous Robot Systems and Competitions will take place at ISEL Campus (www.isel.pt) while the Robocup event will take place in the premises of Secundary School D. Dinis (http://esecddinis.pt/) just in front of ISEL Campus.

Topics:

- Applications of Autonomous Intelligent Robots;
- Artificial Intelligence;
- Autonomous Robotic Systems;
- Computer Vision and Image Processing;
- Control Architectures and Programming;
- Cooperative Perception;
- Cooperative Planning and Task Allocation;
- Dexterous Manipulation and Grasping;
- Educational Robotics;
- Entertainment Robots.
- Evolutionary Robotics
- Humanoid Robotics;
- Human-Robot Interaction;
- Localization, Mapping, and Navigation;
- Locomotion and Actuation Systems;
- Multi-Robot Coordination;
- Multi-Robot Systems;
- Planning, Reasoning and Modeling;
- Recognition and Tracking;
- Robot Learning;
- Robotic Competitions;
- Robotic Simulation;
- Sensors and Sensor Integration;
- Swarm Robotics;
- Underwater Robotics.

Submission guidelines:
Authors should submit their papers electronically in PDF format via easychair.
https://www.easychair.org/conferences/?conf=robotica2013
Six pages in the standard IEEE format are allowed for each paper, including figures.

Papers must be written in English following the standard IEEE guidelines.
http://www.ieee.org/conferences_events/conferences/publishing/templates.html

The conference proceedings will be indexed in IEEExplore and the conference has also already confirmed for this 13th edition a Special Issue of selected extended papers in the Journal of Intelligent & Robotic Systems from Springer, indexed by Thomson ISI Web of Knowledge (IF=0.83).

Important dates:
All dead-lines are 23:59 GMT

- 1st February, 2013 Submission of full-length papers
- 7th March, 2013 Notification of acceptance
- 15th March, 2013 Camera Ready Papers
- 22nd March, 2013 Early Registration Deadline
- 24th April, 2013 Conference

Venue:
The conference will take place in the main Auditorium of ISEL - Instituto Superior de Engenharia de Lisboa, in Lisbon. Lisbon is the capital of Portugal, one of the oldest cities in the world with a pleasant Subtropical-Mediterranean climate.

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Organizers:

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