

Application Form / Workshop Description



Please note:

There are lots of workshop proposals expected. A detailed description of your workshop proposal will make it easier for the organisers (and at a later stage the participants) to select the right workshops.

Session Title:

Robotic Systems as Educational Tools

Organiser(s):

Celestino Alvarez – Adele Robots – celestino.alvarez@adelerobots.com

Lykke Brogaard Bertel – DTI - lbb@teknologisk.dk

Motivation and objective:

Education is a emergent field for robotics. Robot kits have been used for quite a long time in the classrooms but there also exist experiences on using robots as teacher assistants, that seems to increase the attention and motivation of children. Other benefits could also be produced when children with some disorders like autism or hyperactivity. The objective of the workshop is to review the state of the art in the field and discuss about the requirements that a robot should have to achieve this goals.

Approach:

The workshop will consist of a series of targeted presentations of approximately 20 minutes on different approaches and experiences on using robot system in education

Agenda of the workshop:

- 16:00 – 16:05 Introduction by the moderators
- 16:05 – 17:35 Presentations by selected participants
- 17:35 – 18:00 Round Table Discussion

Speaker(s):

How can participants contribute to, and prepare for, the workshop?

E.g. Participants are asked to read and review:

- *the product visions and*
- *applications scenarios*
- *experiences*
- *future work*

that are relevant for robotics systems as educational tools.

Further information:

Planned follow-up:

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Please reply to:

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The European Robotics Forum will take place from 5-7 March 2012 in Odense, Denmark, hosted by the Danish Technological Institute (DTI). More than 300 robotics researchers from industry and academia, as well as entrepreneurs and public investors are expected to discuss the latest developments, research challenges and business opportunities for European robotics. This year's theme of the European Robotics Forum is "European Robotics towards new horizons".