
Special Session

Educational Robotics

Description/Scope

This session will be focused on the presentation of novel educational projects and experiences carried out with robots in primary, secondary and Higher Education. The expected topics include but are not limited to the topics mentioned below.

Topics (but are not limited to)

- Robotics experiences in Primary, Secondary, and Higher Education
- Robotics Curriculum
- Robotics to foster STEM areas
- Robotics & Gender issues
- Robotic demonstrators for education and public
- Robotic Kits
- Robotic simulators applied in the classroom
- Robotic competitions and events
- Robotic Games for Learning
- Games for Learning Robotics
- Robotics (& Technology) assisted education
- Project-based learning and robotics
- Evaluation methods in educational robotics
- Educational robotics application fields (including Mobile Robotics, Manipulators, Industrial Robotics and Intelligent Robotics)
- Humanoid robots in education
- Integration of robotics in other subjects and school curricula
- Frameworks for Education in Robotics-related areas (not excluding ROS, etc)

Organizers

- Armando Sousa (U. Porto, Portugal)
- Francisco Bellas (U. Coruña, Spain)