

**12 March, 16:15 – 18:15, Room 4**

**Session Title: Robotics in Education & Education of Robotics**

**Organiser(s):** Petra KOUDELKOVÁ DELIMOGE, Aldebaran, France  
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**Content:** The workshop aims to provide an overview and a discussion on the main challenges concerning two strategic axes defined for the topic group: Education of Robotics and Robotics for Education. The organization of the topic group as well as its action plan will be reviewed. All interested academics, industrials, public stakeholders, end users representatives, etc. are most welcome to join and enrich the workshop.

**Agenda of the workshop:** Presentation of TG Education : its objectives and actions (10 min)  
 Invited Talks (70 min):

- Georges Giralt Award
- Evaluating the impact of educational robotics to young people
- Robotics opportunities to foster STEM education
- An experiment in global teaching of embodied AI
- Robotics competitions – a tool for higher level robotics and engineering education

Discussion (10 min)  
 TG Education Action plan & Next steps (30 min)

**Speaker(s):** Martin KANDLHOFER, Technische Universität Graz, Austria  
 Benedetto ALLOTTA, University of Florence, Italy  
 Fabio BONSIGNORIO, The BioRobotics Institute, SSSA and Heron Robotics, Italy  
 Benedetto Allotta, University of Florence, Italy  
 Alfredo Martins, Instituto Superior de Engenharia do Porto, Portugal  
 Petra KOUDELKOVÁ DELIMOGE, Aldebaran, France  
 Gerhard K. KRAETZSCHMAR, Bonn-Rhein-Sieg University, Germany

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