

ROBDESL Training Course for Teachers

Feb 24-28, 2016, Athens

Feb 24, 2016, 3-8 pm

- ✓ Introduction, breaking the ice activities
- ✓ Lab: A first example: follow the line
- ✓ Lab: familiarization with Lego Mindstorms (hardware & software)
- ✓ Theories behind ER (focus on constructivism & constructionism).
- ✓ robotics-based interventions against school failure & early school leaving

Feb 25, 2016, 3-8 pm

- ✓ Lab: Robotics Project 1
- ✓ Pedagogical reflections on project 1
- ✓ Learning & teaching methodologies in educational robotics

Feb 26, 2016, 3-8 pm

- ✓ Lab: Robotics Project 2
- ✓ Pedagogical reflections on project 2

Feb 27, 2016, 9.30am-2pm

- ✓ Lab: Robotics Project 3
- ✓ Pedagogical reflections on project 3

Feb 28, 2016, 9.30am-2pm

- ✓ Lab with Arduino-based robots \
 - ✓ Evaluation guidelines and tools for validating the impact of robotics-based learning activities
 - ✓ Plenary discussion with teachers: implementation of the program in schools
 - ✓ Evaluation of the course by the participant teachers
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