



Erasmus+



STEAMING4FUTURE

2020-1-ES01-KA226-SCH-096028

GENOVA FIRST LTTA

Hosted by the School of Robotics

22-26 November 2021

Sala E. Luzzati Biblioteca De Amicis

Old Port

<https://portoantico.it/en/activities/edmondo-de-amicis-library/>

Educational Robotics for Inclusion

Target group: Teachers and educators Primary and middle schools

Educational Robotics for INCLUSION

We will explore different tools and experiences of educational robotics activities aimed at improving inclusion in class groups or in extracurricular activities.

4 lectures by professionals working in real contexts will enrich the 3 days of training

Day 1 - 22 november:

14.00 - 18.00

- Afternoon ice breaking activities
- Presentation of the Mobility Program

Day 2 - 23 november

10.00 - 13.00

- Introduction to educational robotics for cognitive disabilities
- Workshop: stories of robots for social relations (Lego WeDo 2.0)
- **Lecture1:** Design for all

Lunch

15.00 - 18.00

- **Visit to Inclusive educational centre/school Philos**

Welcome dinner

Day 3 - 24 november:

10.00 - 13.00

- **Lecture 2**
 - Arduino like activities (according to students age)

- Lego (Wedo/(Spike)
- Promoting daily actions with robotics
- Halocode
- Mbot
- Open Roberta/scratch

Lunch

15.00 - 18.00

Lecture 3: Robotics and autism: Fiorella Operto

Day 4 - 25 november

10.00 - 13.00

- **Creation of Modules teachers will be asked to experiment with their students.**
 - The lessons will include hands-on activities.
 - Teachers will then be asked to experiment with their students' modules.

Lunch

15.00 - 18.00

- **Lecture 4: Technology and Robotic instruments for inclusion**
 - i.e.: Roboable®, Mosaic
 - Humanoid robotics for autism, workshops with Nao : play joue, the animal farm, Body parts.
 - Presentation of a project of Inclusion by a Teacher and Students (De Ambrosis Natta).

Day 5 - 26 november

10.00 - 13.00

- On the last day:
 - Organizing and Scheduling of testing activities.
 - Final survey

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