



Scuola di
Robotica

PRESENTATION CONFERENCE
ERASMUS PLUS PROJECT Strategic Partnerships
ALGOLITTLE

**ALGORITHMIC THINKING SKILLS THROUGH PLAY-BASED LEARNING FOR
FUTURE'S CODE LITERATES
2020-1-TR01-KA203-092333**

Genoa, 17 June 2022

9.30-12:30

**IC Sampierdarena
Cantore Primary School
Via Reti, 23, Genoa**

The aim of the project was to design educational activities for pre-school and primary school children to integrate algorithmic thinking skills into all school curricula.

Today, the Erasmus Plus project ALGOLITTLE concluded the pilot course phase dedicated to teachers and future teachers. We present in this conference the results of the project and the activities carried out.

We will present some models of learning/teaching activities based on play, along three phases of applications:

- the development of children's abilities to use linear algorithms to solve problems;
- the application of various types of algorithms and the development of primary algorithmic skills
- the strengthening of algorithmic skills and the transfer of learned algorithms into various subject areas and learning activities.

Algorithmic thinking: looking at problems by trying to divide them into smaller modules, finding solutions (algorithms) for the modules and then checking that all, and the whole, are correct.

Opening of the session: Prof. Sara Bandini, Headmaster of IC Sampierdarena
Presenting ALGOLITTLE: Fiorella Operto, School of Robotics

Those wishing to participate should send their request to operto@scuoladirobotica.it

Places are limited. Admission only if registered.

Tel. 347 9132151

The ALGOLITTLE website: <https://www.algolittle.org/home/>