



# Science Connect Multiplier Event

Teaching of Sciences: a challenge  
to overcome

## Science Connect

**ERASMUS + PROJECT REF. No. 2019-1-RO01-KA201-063162**



Co-funded by the  
Erasmus+ Programme  
of the European Union



Erasmus+

# Science Connect

**Main objective of the project:** Innovation

**Project Start Date:** 01/10/2019

**Project End Date:** 30/06/2022 (33 months)

**National Agency of the Applicant Organisation**

Agentia Nationala pentru Programe Comunitare in  
Domeniul Educatiei si Formarii Profesionale (**Romania**)

**Coordinator (PI):**

**Petronia Moraru**

(Colegiul Tehnic Edmond Nicolau Focsani – **Romania**)

# Science Connect

## Partner Organizations

### 7 Schools

AGRUPAMENTO DE ESCOLAS DA MAIA - **Portugal**

IIS Martino Filetico, Ferentino - **Italy**

Daugavpils 13.vidusskola - **Latvia**

AGIFODENT, Granada - **Spain**

Sercev Engelsiz Mesleki ve Teknik Anadolu Lisesi, Ankara - **Turkey**

20th High School of Thessaloniki - **Greece**

Colegiul Tehnic Edmond Nicolau, Focsani – **Romania**

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## Partner Organizations

### 3 Universities

UNIVERSIDADE DO PORTO - **Portugal**

UNIVERSITATEA «DUNAREA DE JOS» DIN GALATI - **Romania**

UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA - **Italy**

# Science Connect

**The Main Objective of the project is Innovation**

## **Major Objectives of the project:**

- Use technology for supporting the learning process
- Apply digital changes in education, especially the transferable ones
- Establish effective partnerships for cooperation, that can solve common problems
- Enable teachers to face the fears of using new technologies
- Raise teachers skills, for modern and adequate teaching of students expectations
- Make equitable and inclusive the digital education
- Create educational resources under a creative common license
- Enable students to gain practical skills, as a new understanding of the connection between sciences and technologies, useful for a future job.

**The project addresses both students and teachers in middle and high schools**

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## Planned Activities

### 7 Blended mobility for students

- Organized by each school, in a system of peer-learning.
- Five students accompanied by two teachers, from each school
- 5 days long

### 2 short-term joint staff training events

- Virtual laboratories and videos – December 2019
- Programming and Arduino – August/September 2021

### 3 three Transnational Project meeting (TPM)

- Kick-off meeting – Rome, November 2019
- Mid-term meeting – Ferentino, September/October 2021
- Final meeting – Galati, July 2022

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## Planned Activities

### 2 Multiplier events

- Teaching of Sciences: a challenge to overcome – Portugal, April 2022
- SciCon - a new approach for scientific subjects study in schools – Romania, July 2022

### 3 Intellectual Outputs

- 01 - Applications for virtual laboratories - methods and resources to be applied for students activities
- 02 - Programming and Arduino - methods and resources to be applied for students activities
- SciCon Toolkit - a pedagogical tool intended to teachers

# Multiplier event

## Teaching of Sciences: a challenge to overcome

- **11 talks**

- Inclusive education
- Videos and virtual laboratories
- Programing for education

- **2 workshops**

- Workshop 1: Teaching Astronomy with Ozobots
- Workshop 2: Algodoo - an alternative to interactive virtual labs



Wish you a  
nice event

