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KA201: Strategic Partnerships for school education



RoboPisces

**"innovative educational ROBOTics
strategies for PrImary School Experiences"**

Newsletter No.11





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Editorial

Dear RoboPisces follower,

The project lifespan maybe over, but partners are still committed to the dissemination of the project's results.

Partner schools are still implementing robotics activities at school using the knowledge, methodology and tools developed during the past three years.

The RoboPisces community is growing with many new friends from all over Europe joining our MOOC course.

Partners are demonstrating project results in various occasions. Some of them are presented here.

Thanks everybody for supporting us and keep following our activities on social networks and website (www.robopisces.eu).

The RoboPisces team





News from the MOOC



#NewMOOCResources

Good news for our Italian friends!

A whole new section is now available at the RoboPiscis MOOC platform to better present the results and tools developed within the RoboPiscis project to Italian teachers.

Our project keeps spreading the word. Come and take a look!

Dissemination course "Pensiero computazionale, programmazione e robotica educativa"

Description ITA
 Il materiale contenuto in questa sezione è basato sul lavoro portato avanti durante il progetto RoboPiscis e ha la finalità di fornire ai docenti le competenze necessarie per gestire un percorso di robotica educativa in aula.
 Questo materiale è stato presentato ai docenti italiani che hanno preso parte al corso "Pensiero computazionale, programmazione e robotica educativa" organizzato da Polo Formativo STEAM - Fabriano (Liceo Scientifico Statale "Vito Volterra") attraverso la piattaforma Scuola Futura.
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Description ENG
 The content of this section is based on the work carried out during the RoboPiscis project and aims to provide teachers with the necessary skills to manage an educational robotics course in the classroom.
 The content of this section was presented to the Italian teachers who took part in the course "Computational thinking, programming and educational robotics" organized by Polo Formativo STEAM - Fabriano (Liceo Scientifico Statale "Vito Volterra") through the Scuola Futura platform.
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Didacta Sicilia exhibition



#DidactaSicilia2022



EDIZIONE SICILIANA



20-22 OTTOBRE 2022
 SICILIA FIERA, Exhibition Meeting Hub
 Misterbianco - Catania



The RoboPiscis outputs and positive impacts were presented at the first edition of the DIDACTA Sicilia event in Catania (Italy).
 During the seminar "Coding e robotica educativa per superare il gender gap" teachers and stakeholders at various level could reflect on how to exploit innovative methodologies to bring quality and inclusive education into the classroom practice.
 Thanks to the chairs of the session Dr. Beatrice Miotti and Dr. Daniela Bagattini, and to the presenters Dr. Laura Screpanti and Dr. Lisa Baldella.



Educational robotics, coding and computational thinking




#TeacherTraining





The results of the RoboPiscis project keep raising interest in the world of education. Thanks to the cooperation with the school Liceo Scientifico Statale "Vito Volterra" of Fabriano (Italy), which is a training hub for the development of teachers' STEAM competences, the RoboPiscis outputs reached out to about 60 in-service teachers from all over Italy. Teachers were presented with the basic notions of robotics and sustainability to help them cope with the challenge of the digital transition by means of educational robotics.

Educational robotics to help fight gender stereotypes at school




#InclusiveEducation

PARTIME
È TEMPO DI PARITÀ

12 DICEMBRE 2022
Auditorium di Sant'Apollonia
Via San Gallo 25, FIRENZE

Il ruolo della scuola nella PROMOZIONE DELLA PARITÀ.
Pratiche didattiche e riflessioni per un'azione di sistema.

INDIRE ISTITUTO NAZIONALE PER L'INNOVAZIONE EDUCATIVA 

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Formazione docenti su

- fondamenti della robotica
- elementi di IoT
- robotica marina
- metodologie educative per la robotica educativa
- produzione di risorse educative aperte


Moduli di lezione

- Fondamenti di robotica
- Internet delle cose (IoT)
- Robotica Marina Educativa
- Stampa 3D


Toolkit appositamente sviluppato




MOOC
www.robopiscis.eu/robopiscis-mooc




Teacher training manual
www.robopiscis.eu/ia4



Educational Curriculum
www.robopiscis.eu/ia3



RoboFISH toolkit
www.robopiscis.eu/ia2



The conference «Il ruolo della scuola nella promozione della parità. Pratiche didattiche e riflessioni per un'azione di sistema» was the occasion to discuss some of the best practices at school to develop inclusive and quality education. The RoboPiscis outputs and positive impacts were presented as they contributed to the launch of the project «PARTIME» carried out by INDIRE and Regione Toscana, whose aim is to help teachers reflect on gender stereotypes, fight them and create activities that can boost learning for all.

More info about the PARTIME project at <https://www.indire.it/progetto/partime>

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<https://www.researchgate.net/project/Innovative-educational-ROBOtics-strategies-for-Primary-School-ExperienceS-RoboPisces>

