KA201: Strategic Partnerships for school education

RoboPisces

"innovative educational ROBOtics

strategies for PrImary School ExperienceS"

Newsletter No.3

Summary

Editorial

Dear RoboPisces follower,

the end of the first year of the RoboPisces project is approaching. The end of the first year will be just the beginning of a fantastic two-year implementation of the RoboPisces Educational Curriculum and the RoboFish toolkit.

Even if apart, The RoboPisces partners are gathering and having long chats about the best way to get ready for the next year. They are working hard to make the implementation of the RoboPisces curriculum ready for the next school year. Moreover, they have been busy in developing tools that will be used in the classrooms of six different countries.

Unfortunately, teachers will not gather in the venue of Ancona (Italy) for the onsite training activity "Educational Robotics to teach IoT and Marine Robotics at the primary school" due to the COVID-19-related measures. Even if this activity will not take place as planned, the RoboPisces team is arranging an online course and material that will allow teachers to explore the fundamentals of Educational Robotics with the basic RoboFish toolkit.

Stay tuned with the project progress by following the RoboPisces' social network accounts and web site (www.robopisces.eu) or subscribe to our Newsletter (https://www.robopisces.eu/newsletter/).

And remember, fun is on its way to school!

The RoboPisces team

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RoboPisces activities

First year
Tool preparation

Second year
Basic toolkit and curriculum

Third year
Advanced toolkit and curriculum

The RoboPisces project will implement an innovative educational curriculum, which includes a set of learning basic and advanced modules for primary students. The inventory of activities will be implemented during the second and third year of the project. All the educational resources and activities will encourage active, cooperative and experiential learning in all phases of the course. This approach will enhance the understanding of roboethics and robotics at the service of environment.

Virtual Meeting

What to do when the boundary conditions change? Partners arranged a meeting to discuss latest news from the countries involved. Uncertain times like the ones we are living lead to the choice to reorganise the training activity "Educational Robotics to teach IoT and Marine Robotics at the primary school" and arrange a basic course online to start the school based curriculum on September.
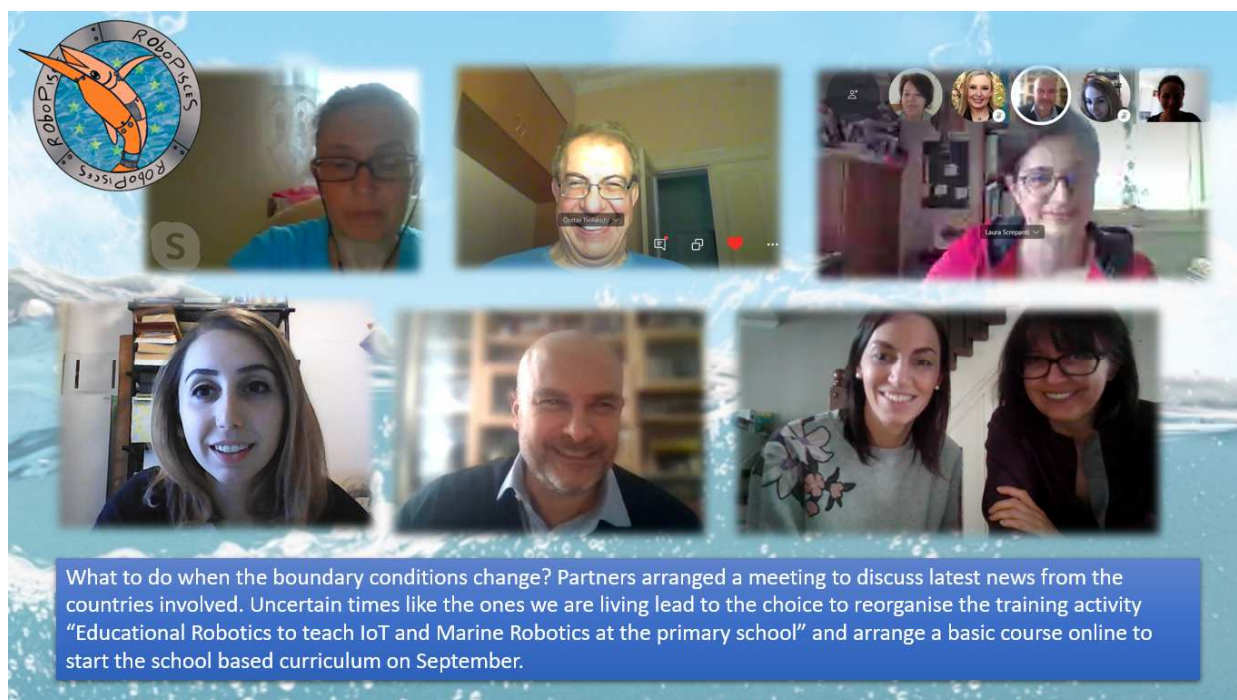
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IO2: RoboFish toolkit

The IO2 «RoboFish» toolkit is getting ready in its basic version. On the next school year 5 classrooms will be involved in the activities of the **basic curriculum**. Students and teachers will explore Robotics IoT, STEAM and environmental education. This is an invaluable opportunity to present the role of **robotics** at the service of **environment** and to convey notions of **roboethics** as a new way to design robots fully integrated with the nature and human being.

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