Educational Robotics in Europe

Insight from different projects and experiences inside and outside the classroom

Wednesday 24.07.2024 9.30 – 13.30 CEST

Room AT2, Faculty of Engineering, Università Politecnica delle Marche, Ancona, Italy

Chair: Prof. David Scaradozzi and Benedetta Castagna

Programme:

10.00 **Welcome**
David Scaradozzi, Coordinator of the RoboAquaria Project, Università Politecnica delle Marche

10.10 **Greetings**
Pierluigi Stipa, Rector Delegate for School-University Programmes, Università Politecnica delle Marche

Stefania Cecchi, Vice Director of Information Engineering Department, Università Politecnica delle Marche

Marco Battino, Assessor for University and Entrepreneurial Development, Municipality of Ancona

Ufficio scolastico Regione Marche (TBC)

Lisa Baldella, Ufficio Scolastico Regione Umbria

10.30 **RoboAquaria Project**
Benedetta Castagna, Research Fellow and Project Manager RoboAquaria, Università Politecnica delle Marche

10.40 **Advancements in Educational Technology: Italian Insights and Experimental Approaches**
Giovanni Nulli, Technologist at INDIRE

11.00 *Coffee Break*

11.20 **Educational robotics: measuring and modeling learning**
Laura Screpanti, Researcher, Università di Macerata and Contract Professor, Università Politecnica delle Marche

11.40 **EcoHeroes in Code: Empowering Kids with Comics and Coding to Tackle Climate Change**
Nancy Pyrini, Researcher, University of the Aegean and *Despina Sarrigeorgiou*, Assistant Researcher, PARAGON-eduTech

12.00 **RoboGirls: An open educational resource in STEAM to bridge the gender gap**
Maria Elia, Project Manager, CARDET

12.20 **Robotics and Climate Change: Innovations in Ireland**
Iris Allen, Project Officer, FIP

12.40 **How to make fast mobile app for controlling RoboAquaria robots**
Ana Sović Kržić, Associate Professor, University of Zagreb, Faculty of Electrical Engineering and Computing

13.00 **Guizzo: Transforming Research into Educational Robotics Innovation**
Giacomo Fiara, Business Manager, ANcybernetics

13.20 **Q&A Session, Final Remarks, and Closing**

Co-funded by the European Union