

**Duration: 2022 - 2024**

### **Principal Researcher**

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### **Funding**

ERASMUS+

#### **Research Line:**

ICT and Multimedia in Education

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The aim of this Erasmus + EARLY project is to raise awareness and skills of pre-service and in-service preschool teachers of 3-7 year old children about distance education for Early Childhood Education, by developing resources, like, a manual for early education online labs including dynamic content which is linked to a distance learning module and enriched with robotics to practice in classrooms as well as in distance learning. The project will also assist preschool teachers to improve their professional profiles by giving hands-on training supported with digital teaching tools and robots. The project will also provide a higher education modular course curriculum, using open-source coding tools and various robotics kits tested for those age-groups. The process will be developed as a design-based

research process, including several contributions from stakeholders and experts.