

Fondo Sociale Europeo Plus 2021/2027

FSE+

Sportello 2025 P.S. 20/24

Sostegno alla realizzazione di dottorati di ricerca

With Decree No. 9526/GRFVG of February 28, 2025, the Friuli Venezia Giulia Region published the Notice regarding the submission of operations for Specific Program No. 20/24, which aims to support higher education through the realization of PhD programs.

Specific Programme 20/24, through the funding of doctoral scholarships, contributes to the achievement of the objectives of the Sustainable Smart Specialisation Strategy (S4). It supports the development or strengthening of integration with the regional production system and/or research organisations, through coordination and collaboration mechanisms with regional enterprises or research bodies, or by leveraging the potential for technology transfer of processes, products, applications, or, more broadly, research outcomes.

- Sportello 2025
- Ciclo 41
- CUP J93C25000640008
- Progetto 2025/6525/5

Dottorato in Neural and Cognitive Sciences

“Virtual Reality and Social Skills: Integrated Approaches for the Rehabilitation of Neurodevelopmental Disorders”

Advanced technologies like VR are spreading rapidly in therapeutic interventions. These tools allow for the simulation of everyday situations in controlled environments, ideal for personalized and intensive interventions, useful for patients with neurodevelopmental disorders who face difficulties in managing and understanding social relationships and in adapting behavior to various contexts. The general objective is to create a VR training protocol to improve social interaction capacity and make behavior more adaptive and flexible in daily life situations for children (8-13 years old) with ASD, ADHD, and Intellectual Disability. Interaction in a virtual environment allows for the simulation of complex scenarios, giving the child the opportunity to experiment and reflect on their actions in a safe and controlled manner, receiving immediate feedback that will help reinforce implicit learning in a protected context and consolidate appropriate behaviors. The project promotes the psychophysical well-being of the individual and increases their quality of life, with innovative solutions in telerehabilitation and the use of validated VR scenarios that respond to the professional needs of the healthcare and educational sectors.