

Pula, 17/09/2025

**Subject: Invitation to participate/collaborate in the RIALE-EU (Remote Intelligent Access to Lab Experiments in Europe) project**

Dear Madam/Sir,

Our team developed RIALE, an educational platform that brings together schools and high level technical-scientific labs that are not normally accessible to schools but which activities can be linked to the school curriculum. Our targets are high school students, and we are planning to include university students. The project promotes the dialogue between the scientific community and schools, encourages students to use the scientific method, facilitates students' orientation activities for the choice of their study pathway. For the school year 2025/2026, we aim to keep the extension of the network project from Sardinia to mainland Italy and Europe. Therefore, RIALE has become RIALE-EU. In fact, we want to give Italian and European researchers the opportunity to tell about their research field from their own perspective.

The project is developed in two main steps: the synchronous (live) and asynchronous sessions.

**Synchronous sessions:** through the platform, student can remotely access the hosting laboratory **and** watch live the lab researcher's actions while carrying out the experiments; interact with her/him through video conferencing. **Asynchronous sessions:** through the **Timeline**, students can access a video registration of the whole experiment as well as additional interactive educational objects that will enhance their understanding of the experimental steps.

- **To learn more about CRS4:** <https://www.crs4.it/> and [https://www.crs4.it/repository/documents/press/media-kit/the\\_future\\_is\\_close.pdf](https://www.crs4.it/repository/documents/press/media-kit/the_future_is_close.pdf)
- **To learn more about the project:** <https://www.crs4.it/riale/>
- **To find out** which hosting laboratories are presently involved in the project and to access the catalogue of experiments: <https://riale.ideab3.it>.

Experiments found in the catalogue cover a wide range of topics such as AI and Robotics, Genomics and DNA sequencing; Physics; Neuropsychopharmacology, Translational models and behaviour analysis, Neuromorphology; Food analysis and testing; Microbiology; Biotechnology; Renewable Energy; Marine biology; Mineralogy, etc.

If your laboratory has an interest in **scientific communication and education**, in catching students' interest while introducing them to various aspects of the competences needed in your field of expertise, we cordially invite you to collaborate on our project.

Joining the project will require **no financial investment on your part**, but the will to conduct

experiments and interact with students during the synchronous sessions. CRS4 will provide and install the tools and devices required for the live session to take place, with the consent of the hosting lab head.

Should you be interested in learning more about the RIALE project, I will be glad to organize a videoconference in which RIALE's methodological approach will be illustrated and a demo shown.

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Enc.: information sheet about the project

The RIALE-EU project is financed by the Development and Cohesion Plan of the Autonomous Region of Sardinia. It is carried out with the financial support and collaboration of the Sardinian Department of education ("Servizio Istruzione della Direzione Generale della Pubblica Istruzione dell'Assessorato della Pubblica Istruzione, Beni Culturali, Informazione, Spettacolo e Sport della Regione Autonoma della Sardegna") and the Sardinian Regional Agency for Research and Technology Development "Sardegna Ricerche".