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From the renovation of a laboratory to the training of teachers

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Lab2GO is a project to establish a closer contact between school and experimental sciences created by the Istituto Nazionale di Fisica Nucleare (INFN) and the University of Rome “La Sapienza”. The goal is the spread of laboratory practice among students and teachers in high schools. In this contribution two different experiences will be described. In the first case, a museum laboratory present in a school in Naples that had never been used was returned to the school. Students worked together to identify the instruments, clean them, and create cards illustrating how they worked. The catalogue of instruments and the explanatory video are available to teachers and students throughout the institute, making the laboratory an integral part of the school’s teaching activities.

In the second case, a teacher from a classical high school in Potenza involved in the project for several years became an active protagonist. Through the production of material and the online and offline support of the Lab2GO tutor, the teacher was able to guide his class along an innovative laboratory path. The students were motivated and enthusiastic, producing several contributions presented in the national event that will be held at the University La Sapienza in Rome.

Secondary track

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