Since 1984 the Italian groups of the Istituto Nazionale di Fisica Nucleare (INFN), collaborating with Fermilab (US), have been running a 2-month summer training program for Italian university students. In the first year, the program involved only four physics students of the University of Pisa, then it was extended to engineering students. This extension was very successful and the engineering students have been extremely well accepted by the Fermilab Technical, Accelerator and Computing Division groups. Over its 35 years of history, the program has involved more than 500 Italian students from more than 20 Italian Universities, and a handful of students of European and non-European Universities. Each intern was supervised by a Fermilab Mentor responsible for performing the training program. Training programs spanned from experimental data analysis, development of particle detectors (e.g. silicon trackers, calorimeters, drift chambers, neutrino and dark matter detectors), design of new particle experiments, design of electronic and accelerator components, development of infrastructures and software for tera-data handling, research on superconductive elements and on accelerating cavities, theory of particle accelerators. Since 2010, with the support of the Italian Space Agency (ASI) and the Italian National Institute of Astrophysics (INAF), a total of 25 students in physics, astrophysics and engineering have been hosted for 2 months at US space science laboratories. In 2015, the University of Pisa included this program within its own educational programs. Accordingly, after positive evaluation by a University Examining Board, interns are acknowledged six ECTS (six CFU) credits for their Diploma Supplement (Piano di Studi).

The Seminar will give information on students’ recruiting methods, on training programs of recent years and on final students’ evaluation process at Fermilab and at the University of Pisa.