67th Course of the
Radiation Protection High School
"Carlo Polvani"

The Use of New Technologies in E&T

A joint AIRP-EUTERP train-the-trainer event in collaboration with Politecnico di Milano

Milan, 24th-27th June 2025

The classes will take place at the Council Room, Building BL25, Politecnico di Milano, via Raffaele Lambruschini, 4, 20156 Milan

The practical training will take place on June 26th at two different venues of Politecnico di Milano:

- Room L.0.4, Building B12, via Privata Giuseppe La Masa, 34, 20156 Milano
- Room 2.2.5, Building 2, Piazza Leonardo da Vinci, 32, 20133 Milano

Scuola Superiore di Radioprotezione "Carlo Polvani"

Registration procedure

The course accommodates up to 90 participants, admitted on a first-come, first-served basis, with 15 spots reserved for students.

Registration is exclusively available online through the website of the Italian Association of Radiation Protection.

To register, visit www.airp-asso.it and click on **"Registration for the 67th Polvani School Course"**

Registration fees

- AIRP and EUTERP members: 300 €
- Regular Fee: 400 €
- Students: 100 €

The fee covers all course materials, lunches and refreshments during breaks.

The Course also provides hours-credits for Radiation Protection Expert as established by the Italian D.Lgs 101/20.

BACKGROUND

Nuclear and radiological applications are part of daily life in our society, where they represent a stable energy source, enable the effective diagnoses and treatments in a medical context and optimize industrial processes.
As numerous countries have expressed their ambition to expand these practices, it is important that ample professionals have the necessary knowledge, skills and competences to ensure the safe use of ionizing radiation. In particular, professionals in radiation protection such as radiation protection experts (RPE), radiation protection officers (RPO) ensure the protection of workers, the public and the environment against detrimental effects associated with an exposure to ionizing radiation. Dedicated education and training activities for these profiles are in place in most countries, but must be made future proof to anticipate to the rapid changing evolutions and applications. In line with the ICRP Vancouver Call for Action to strengthen expertise in radiological protection worldwide, EUTERP and AIRP are jointly undertaking concrete actions to support the education and training community in radiation protection, in collaboration with Politecnico di Milano.

Aim, objectives and methods

The objective of this event is helping to equip participants with modern and effective training methods and tools to ensure consistent radiation protection training, support cross-border collaboration and mobility. The event, which will be conducted in English, will include theoretical classes and hands-on practical training. The Course focuses on interactive and technology-driven training, incorporating Virtual Reality (VR), Augmented Reality (AR), AI, and online resources to improve understanding of radiation safety concepts. The event is open to students and professionals in radiation protection who seek to adopt innovative teaching techniques and cross-border collaboration in radiation safety.