

HerIT4Future - Advanced Skills Courses

Ambito/titolo dell'attività formativa da organizzare

Sustainable Energy Transition: PoliTO - Latin America collaboration towards joint PhD initiatives

Università coinvolte sia in Italia che in America Latina

All the LatAm universities in [Magalhaes network](#): Instituto Tecnológico de Buenos Aires (ARG); Universidade Estadual de Campinas (BRA); Universidade Estadual Paulista Júlio de Mesquita Filho (BRA); Universidade Federal do Rio de Janeiro (BRA); Universidade de São Paulo (BRA); Pontificia Universidad Católica de Chile (CHL); Universidad de Chile (CHL); Universidad Técnica Federico Santa María (CHL); Pontificia Universidad Javeriana (COL); Universidad de los Andes (COL); Universidad del Norte (COL); Pontificia Universidad Católica Madre y Maestra (DOM); Instituto Politécnico Nacional (MEX); Tecnológico de Monterrey (MEX); Universidad Nacional Autónoma de México (MEX); Universidad Tecnológica de Panamá (PAN); Pontificia Universidad Católica del Perú (PER); Universidad Simón Bolívar (VEN); Universidad de Buenos Aires (ARG); Universidad de la República (URY).

Referente scientifico

Prof. Roberto Zanino, Politecnico di Torino

WP di riferimento rispetto al progetto HerIT4Future

WP 9 – Energy for Future

Tipologia dell'iniziativa e target di riferimento

This Advanced Skills Course is aimed at training young talents and professionals to address the new challenges of the Sustainable Energy Transition, by leveraging the expertise of Politecnico di Torino and the Latin American universities of the [Magalhães network](#).

The lecturing team will consist of teachers from Politecnico di Torino, Pontificia Universidad Javeriana, Tecnológico de Monterrey, Universidad de Chile, Universidade de São Paulo, Universidad Técnica Federico Santa María. PhD students (to be identified by the lecturers) will support the lecturers, also as testimonials.

Thematic areas will be:

- Renewable Energy;
- Nuclear Energy;
- Building physics / energy for architecture;
- Energy for mobility;
- Electrical power systems.

Obiettivi dell'iniziativa e principali attività formative previste

The programme will feature:

- Lectures on topics of shared interest between Politecnico di Torino and selected Latin American partners of Magalhães, including the presentation of possible topics for joint PhD theses;
- Visit to laboratories and research infrastructures of Politecnico di Torino and of associated institutions of the Torino R&D ecosystem;
- Round tables with contributions from industry representatives from both the EU and LAC.

Modalità di ingaggio/partecipazione

A [Call for Application](#) has been issued for the awarding of 12 Attendance Scholarships.

Periodo presunto dell'attività e durata

3-7 November 2025

Luogo e sede

Politecnico di Torino, Corso Duca degli Abruzzi 24, Torino, Italy.