

# Basic Training School on Accelerator Applications in Nuclear Physics

June 3<sup>rd</sup>-9<sup>th</sup>, 2025 in Seville, Spain

## BTS25



**BTS25**, is organized by the **Centro Nacional de Aceleradores (CNA)** and the **University of Seville (US)**, Spain, in the framework of the EU project **EURO-LABS** (Grant Agreement No. 101057511)



BTS25 will involve **hands-on** activities using three different accelerators at CNA: the 3 MV tandem accelerator, the 1 MV tandetron accelerator and the 18/9 MV cyclotron



### Training Topics

- Use of Ion Beam Analysis (IBA) techniques for nuclear targets characterization
- Determination of radioactive isotopes in nature by Accelerator Mass Spectrometry (AMS)
- Proton beam performance and characterization for Medical Physics applications
- Production and use of neutrons through an accelerator-based neutron source

### How to Apply:

To apply register online at

<https://indico.cern.ch/e/BTS25>

**More information:** [Info BTS25](#)

