

Basic Training School on Accelerators

June 18th - 27th, 2024

Warsaw, Poland

First Circular



EURO-LABS PROJECT

It is a pleasure to announce the second **Basic Training School on Accelerators BTS24** in the framework of the EU project EURO-LABS (Grant Agreement No: 101057511).

EURO-LABS is a network of 33 research and academic institutions from 18 countries from European and non-EU countries, involving 47 Research Infrastructures (RI) in the Nuclear Physics, Accelerators and Detectors for high energy physics pillars. The project brings together, for the first time, the three research communities of nuclear physics, accelerator, and detector technologies for high energy physics, in a pioneering super-community of sub-atomic scientists. Within it, EURO-LABS ensures diversity and actively supports researchers and research groups to use its RIs.



EURO-LABS is committed to improve the efficiency of use of RIs and to increase its human and institutional basis. To this aim, EURO-LABS organizes a system of training activities, at various levels, starting with annual Basic Training schools and Advanced Training schools.

TRAINING TOPICS



BTS24, organized by **the Heavy Ion Laboratory (HIL)** and **the Institute of Nuclear Chemistry and Technology (INCT)**, will take place in **June 18th - 27th, 2024**, Warsaw, Poland.

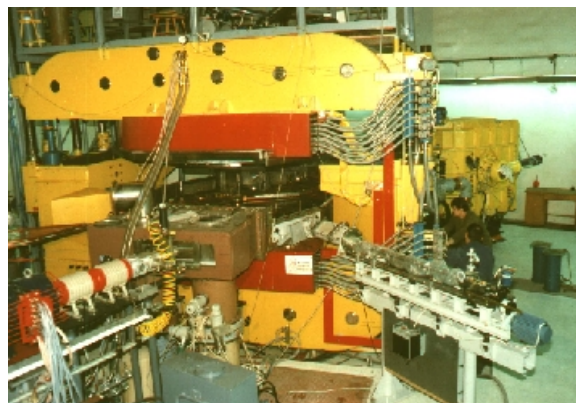


BTS24 will involve hands-on activities around the U200-P cyclotron (HIL) and electron accelerators (INCT) to get a basic knowledge and develop experimental skills.

Scope of BTS24:

- use of detectors
- electron beam control and dosimetry
- gaseous telescopes detectors
- γ spectroscopy
- fast timing measurements
- targets preparation
- gamma camera

Trainers will be local and international experts.



Details on the BTS24 will be published in on the HIL website

[\(https://www.slacj.uw.edu.pl/en/bts24/\)](https://www.slacj.uw.edu.pl/en/bts24/)

VENUE

WARSAWA (Warsaw) is the capital and the biggest city in Poland full of incredible history. It is a vibrant, flourishing place which attracts visitors with its history and special atmosphere. Modern architecture, friendly infrastructure and creative inhabitants – here lies the beating heart of business. Each year Warsaw hosts thousands of business meetings including conferences, congresses and fairs. Here connect the scientific, cultural, economic and political interests from the entire region of Central and Eastern Europe.



PARTICIPATION

Participants:

15 - 20 students (**early PhD students or last year master degree students**) will be selected and will perform experiments with heavy ion and electron beams as well as with radioactive sources to get a basic knowledge and develop skills on use of detectors, electron beam control and dosimetry.

How to apply:

To apply register online at <https://indico.slcj.uw.edu.pl/e/bts24> and write an email to bts24@slcj.uw.edu.pl

The applicants must send a description of their scientific experience and a letter of recommendation from their supervisor. All submitted applications will be evaluated by scientific committee and BTS24 participants will be selected.

Important dates:

- **15th April 2024** deadline for application submission
- **20th April 2024** information on nominations

Financing:

Participants of BTS24 schools will be financed by EURO-LABS (Grant Agreement No: 101057511): travel with economy class within Europe, accommodation, and subsistence support.

Travel and accommodation:

BTS24 organizers will provide the participants within Europe economy class air ticket to Warsaw. The participants will be accommodated in Warsaw University hotel.

ORGANIZERS

Paweł Napiorkowski (co-chair) (HIL), Urszula Gryczka (co-chair) (INCT),
Justyna Samorajczyk-Pyśk (project manager) (HIL)



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