

# **nBHEAM 2025: Neutron Beams at High Energy: Applications and Metrology**

**Monday 7 July 2025 - Tuesday 8 July 2025**

**IAEA Headquarter, Vienna**

## **Scientific Programme**

For the first day of the workshop, we invite participants to submit abstracts for presentations (15 minutes talks) on the program topics below.

Presentations should introduce the application of interest and discuss the present and future needs regarding fast and high energy neutron facilities, metrology, reference standards and instrumentation.

Depending on the number of submitted abstracts, the Scientific Committee might need to change a few of them into poster presentations. If you prefer to present a poster instead of giving a talk, please indicate with your abstract submission.

On the second day there will be number of invited presentations on neutron metrology, high energy neutron facilities (present and planned), and reference standards (instrumentation and cross sections).

## **Day 1: Health and Radiation Protection; Science and Technology**

**Health and Radiation Protection 1: Aviation and space**

**Health and Radiation Protection 2: Accelerator facilities**

**Health and Radiation Protection 3: Therapy and radiobiology**

**Science and Technology 1: Materials**

**Science and Technology 2: Nuclear data**

## **Day 2: Neutron metrology, high energy neutron facilities, and reference standards**

**Neutron metrology**

**High energy neutron facilities (present and planned)**

**Reference standards (instrumentation and cross sections)**