

Session Program

27–31 Oct 2025

**29th International Scientific Conference of Young
Scientists and Specialists (AYSS-2025)**

Accelerator Technologies and Neutron Sources

Thursday 30 October

12:00

Accelerator Technologies and Neutron Sources

Session | Location: BLTP, BLTP, Conference hall

12:00–12:15 **Three-Dimensional Modeling of an Inductive Oven for the ECR Ion Source**

Speaker

Ekaterina Kidanova

12:15–12:30

X-ray production cross section measurements for the analysis of metal halide perovskite thin films using heavy ion PIXE spectroscopy

Speaker

Morongoa Lilian Moremi

12:30–12:45

Application of the Boron Neutron Capture method for the treatment of Rheumatoid Arthritis

Speaker

Cesar Ceballos

13:00

14:00

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14:00–14:15

Beam dynamics simulation through optimized extraction system of MSC-230 cyclotron for proton therapy.

Speaker

Leonid Sedov

14:15–14:30

Current status of the 18 GHz ECR Ion source DECRIS-5M at JINR FLNR

Speaker

Кирилл Берестов

14:30–14:45

Maestro Software Customization for Nulclotron-Collider Beam Transport Channel Control Using SOLID principles

Speaker

Artyom Noskov

15:30

Friday 31 October

12:00
13:00
14:00
15:30

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