

**Session Program**

**Jul 8 - 12, 2025**

**BPU 12 Congress**

***Nuclear Physics, Energy Science and Technology, Accelerators  
and beams***

Politechnica Univ  
Splaiul Independenței 313, București 060042

## Wed, July 9

3:00 PM

### Nuclear Physics, Energy Science and Technology, Accelerators and beams

Session | Location: Politechnica Univ, Splaiul Independenței 313, București 060042

3:00 – 3:20 PM **Differential Cross-sections Measurement of the  $^{12}\text{C}(d, p)^{13}\text{C}$  Reaction**

**Speaker**

Dr Hafez Taghipour Aslani

3:20 – 3:40 PM

**FLUKA-simulations for the optimization of an ion irradiation platform for radiation hardness studies**

**Speaker**

Marta Petroneac

3:40 – 4:00 PM

**New insights on the nuclear matter behaviour using CBM experimental set-up**

**Speaker**

Alexandru Jipa

4:00 – 4:20 PM

**Transition densities in odd-A nuclei**

**Speaker**

Stoyan Mishev

4:20 – 4:40 PM

**Electromagnetic Field Measurements Around High-Voltage Substations in Residential Areas: A Case Study from Tirana**

**Speaker**

Margarita Kuqali

4:40 – 5:00 PM

**In memoriam Professor Dr. Călin BEȘLIU**

**Speaker**

Alexandru Jipa

5:00 PM

## Thu, July 10

5:30 PM

### Nuclear Physics, Energy Science and Technology, Accelerators and beams

Session | Location: Politechnica Univ, Splaiul Independenței 313, București 060042

5:30 – 5:50 PM **Dipole response in neutron rich nuclei**

**Speaker**

Cosmin-Marian Cipu-Drăghici

5:50 – 6:10 PM **High Entropy Alloys in Nuclear Applications: Radiation Shielding and Structural Integrity**

**Speaker**

Melisa Özkan

6:10 – 6:30 PM

**Investigation of Radiation Absorption Behavior of Some Refractory High Entropy Alloys for Use in Nuclear Technology**

**Speaker**

Gizem Öztürk

7:00 PM