

**Session Program**

**23 April 2026**

**10th Young Scientist Festival of Division of  
Experimental Physics 2026**

***Student talks***

Ruđer Bošković Institute, Ivan Supek lecture hall (1st wing)

# Thursday 23 April

10:10

## Student talks: Student talks 1

**Session** | **Location:** Ruđer Bošković Institute, Ivan Supek lecture hall (1st wing) | **Convener:** Tea Mijatović

10:10–10:35

### High-Resolution PIXE Investigation of Chemical Effects in $K\alpha$ Emission of Al, Mg and Na

**Speaker**

Anja Mioković

10:35

11:00

## Student talks: Student talks 2

**Session** | **Location:** Ruđer Bošković Institute, Ivan Supek lecture hall (1st wing) | **Convener:** Dr Tea Mijatović

11:00–11:25

### Development of an ion microprobe end-station for the 200 kV implanter at LIBI

**Speaker**

Matija Matijević

11:25–11:50

### Radiation damage in nuclear reactor materials

**Speaker**

Mario Matić

11:50

13:30

## Student talks: Student talks 3

**Session** | **Location:** Ruđer Bošković Institute, Ivan Supek lecture hall (1st wing) | **Convener:** Iva Bozicevic Mihalic

13:30–13:55

### Solar neutrino physics at ESSnuSB

**Speaker**

Doris Barčot

13:55–14:20

### The T114 Experiment

**Speaker**

Bruno Kovač

14:20

14:45

## Student talks: Student talks 4

**Session** | **Location:** Ruđer Bošković Institute, Ivan Supek lecture hall (1st wing) | **Convener:** Budimir Kliček

14:45–15:10

### Qubits, quantum entanglement and quantum communication

**Speaker**

Nikola Šegota

15:10–15:35

### Displaced Muon Detection Using Machine Learning

**Speaker**

Erwan Larie-Kerboull

15:35