

## **Session Program**

**2-15 Jun 2024**

# **Romanian High-School Students Internship Programme 2024**

## ***Lectures***

CERN, 40/S2-A01 - Salle Anderson

# Monday 3 June

09:00

12:00

## Lectures

**Session** | **Location:** CERN, 40/S2-A01 - Salle Anderson

09:00–10:00 **Welcome to CERN**

**Speakers**

Ofelia Capatina, Roxana Zus, Sarah Zoechling

10:15–11:15 **Introduction to CERN**

**Speaker**

Jeff Wiener

11:30–12:00 **Introduction to presentations**

## Tuesday 4 June

09:00

### Lectures

**Session** | **Location:** CERN, 17/1-007

09:00–10:15

#### **The scientific journey to the Higgs boson | Not all roads lead to Rome, some lead to Geneva**

**Speaker**

Tiberiu Dragoiu

**Location**

CERN, 17/1-007

10:30–12:00

#### **Introduction to Elementary Particle Physics**

**Speaker**

Roxana Zus

**Location**

CERN, 17/1-007

12:00

## Wednesday 5 June

09:00

### Lectures

**Session** | **Location:** CERN, 40/S2-A01 - Salle Anderson

09:00–10:30

#### **Luminosity measurement in CMS and high energy physics experiments**

**Speaker**

Andres Guillermo Delannoy Sotomayor

10:45–12:15

#### **Planck length, mass and time with hands-on computation**

**Speaker**

Pascal Pralavorio

12:15

## Thursday 6 June

09:00

### Lectures

**Session** | **Location:** CERN, 40/S2-A01 - Salle Anderson

09:00–10:30

#### Dark matter

**Speaker**

Pascal Pralavorio

10:45–11:45

#### Basics of radiation hard electronics

**Speaker**

Szymon Kulis

12:00