Session Program

19 November 2023 to 2 December 2023

Romanian Students Internship Programme 2023

Final presentations & closing

CERN, 40/R-D10

Friday 1 December

00:00

Final presentations & closing
Session | **Location:** CERN, 40/R-B10 | **Convener:** Dr Roxana Zus

09:00–09:15 **Programme Summary**

Speakers
Calin Alexa, Dr Roxana Zus

09:15–09:30 **Why LHC was built?**

Speaker
Anca-Maria Dinu

09:30–09:45 **Achievements and Challenges of the Standard Model**

Speaker
Antonia-Adelina Avram

09:45–10:00 **Why there are two general purpose experiments at the LHC?**

Speaker
Kata Tunyogi

10:00–10:15 **An introduction into CERN neutrino research**

Speaker
George-Alexandru Boca

10:15–10:30 **O scurta introducere in studiul neutrinilor**

Speaker
Tudor-Andrei Diac

10:30–10:45 **Detectors: why they need continuos improvements?**

Speaker
Sandra-Denisa Tudurache

10:45–11:00 **What the Grid computing is doing for data analysis?**

Speaker
Ana-Maria Tiuleanu

11:00–11:15 **Dark matter**

Speaker
Gabriela Dubalaru

11:15–11:30

Neutrino platform - Project DUNE (Deep Underground Neutrino Experiment)

Speaker
Valentin Bugaescu

11:30–11:45 **Detectori cu emulsii nucleare la CERN**

Speaker

Iulian-George Danciulescu

11:45–12:00 **Alice in QGP Land**

Speaker

Maria Linc

12:00–12:15 **The Importance of FPGA Architectures in HEP Experiments**

Speaker

Daniel Cristian Costache

12:15–12:30 **Closing SIP-RO 2023**

Speakers

Dr Roxana Zus, Alexandra Tudorache, Valentina Tudorache, Ioana Duminica, Sarah Zoechling

12:30

11:45–12:00 **Alice in QGP Land**