

Session Program

7-20 Nov 2021



Romanian High-School Students Internship Programme 2021

Final presentations & closing

CERN

Friday 19 November

13:00

Final presentations & closing

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac | **Convener:** Otilia Anamaria Ducu

13:00–13:20 Introduction

Speakers

Sorin Costreie, Constantin Trăistaru, Florin Buzatu, Sascha Schmeling, Roxana Zus

Location

CERN, 40/S2-D01 - Salle Dirac

13:20–13:35 Making detector-corrected measurements using LHC data

Speakers

Cristiana Oana, Matei-Bogdan Plescan

Location

CERN, 40/S2-D01 - Salle Dirac

13:35–13:50 Extension of TriggerAPI to heavy-ion runs

Speakers

Bucur-Andrei Borcoman, Radu Mihnea Negovan

Location

CERN, 40/S2-D01 - Salle Dirac

13:50–14:05 Monolithic silicon pixel detectors

Speakers

Alexandru Catalin Macovei, David-Stefan Neacsu

Location

CERN, 40/S2-D01 - Salle Dirac

14:05–14:20 Measuring the time evolution of the response of the Tile Calorimeter

Speakers

Diana Elena Lupascu, Maria-Cristina Simian

Location

CERN, 40/S2-D01 - Salle Dirac

14:20–14:35 Short Break

14:35–14:50 Lepton isolation

Speakers

Darius Andrei Manea, Monica Balan

Location

CERN, 40/S2-D01 - Salle Dirac

14:50–15:05 Computing & ALICE experiment

Speakers

Alexandru Valentin Avram, Andres Rafael Garaiman

Location

CERN, 40/S2-D01 - Salle Dirac

15:05-15:20

Higgs boson mass measurement**Speakers**

Iancu-Matei Scurtu, Maria Theodora Argint

Location

CERN, 40/S2-D01 - Salle Dirac

15:20-15:35

Impact of passive material on electron showers in ATLAS**Speakers**

Theodor Mos, Tiberia Farkas

Location

CERN, 40/S2-D01 - Salle Dirac

15:35-15:50

Short Break

15:50-16:05

From design, Finite Element Analysis, to production and testing of a component of an accelerator/detector**Speakers**

Anda-Alexandra Dragomir, Codrin Berinde

Location

CERN, 40/S2-D01 - Salle Dirac

16:05-16:20

Calibration of the TimePix3 detector for Radiation to Electronics using the FLUKA Monte Carlo code**Speakers**

Andrei Valentin Stirbu, Victor-Stefan Fortis

Location

CERN, 40/S2-D01 - Salle Dirac

16:20-16:35

Muon identification efficiency calibration using the Tag&Probe method**Speakers**

Luciana-Dumitrita Murareanu, Tunde Bokor

Location

CERN, 40/S2-D01 - Salle Dirac

16:35-16:50

CMS Experiment Systems group**Speaker**

Radu Ionut Bolborea

Location

CERN, 40/S2-D01 - Salle Dirac

16:50-17:20

Feedback from CERN organizers**Speaker**

Margherita Boselli

Location

CERN, 40/S2-D01 - Salle Dirac