

Session Program

30 October 2024 to 1 November 2024



DRD6 Collaboration Meeting at CERN

Plenary

CERN, 503/1-001 - Council Chamber

Wednesday 30 October

17:00

Plenary: Software and Analysis

Session | **Location:** CERN, 503/1-001 - Council Chamber

17:00-17:15 **Introduction**

Speaker

Gabriella Gaudio

17:20-17:35 **Development of Particle Flow algorithm with DNN for Higgs factories**

Speaker

Taikan Suehara

18:00

Friday 1 November

09:00

Plenary: Software and Analysis

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Conveners:** Gabriella Gaudio, Gabriella Gaudio

09:00–09:15 **New Geant4 model with crystal orientation effect**

Speaker

Alexei Sytov

09:15–09:25 **Machine Learning in calorimetry**

Speaker

Tommaso Dorigo

09:25–09:40 **Particle ID performance in granular calorimeters**

Speaker

Andrea De Vita

09:40–09:55 **Neuromorphic computing readout for calorimeters**

Speaker

Enrico Lupi

09:55–10:10 **Detector layout optimization for task Highly Compact Calo**

Speaker

Aleksander Zarnecki

10:30

11:00

Plenary

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Roman Poeschl

11:00–11:30 **Eventual remaining contributions from previous session**

11:30–11:50 **Summary WP1**

Speaker

Lucia Masetti

11:50–12:10 **Summary WP2**

Speaker

Giovanni Marchiori

12:10–12:30 **Summary WP3**

Speaker

Michaela Mlynarikova

12:30–12:50 **Report from Collaboration Board**

Speakers

Roberto Ferrari, Roberto Ferrari

13:00

12:50–13:00 **Spokesperson's Farewell**