

Session Program

9-12 Oct 2023

**PyHEP 2023 - "Python in HEP" Users
Workshop (online)**

Plenary Session Tuesday

Tuesday 10 October

14:00

Plenary Session Tuesday

Session | **Location:** | **Conveners:** Dr Graeme A Stewart, Oksana Shadura

14:00-15:00

Pyg4ometry : a python package to manipulate Monte Carlo geometry

Speaker

Prof. Stewart Takashi Boogert

15:00-15:30

Executing Analysis Workflows at Scale with Coffea+Dask+TaskVine

Speaker

Benjamin Tovar Lopez

15:30-16:00

PocketCoffea: a configuration layer for CMS analyses with Coffea

Speaker

Matteo Marchegiani

16:00

16:30

Plenary Session Tuesday

Session | **Location:** | **Conveners:** Eduardo Rodrigues, Dr Graeme A Stewart

16:30-16:40

RDataFrame: interactive analysis at scale by example

Speaker

Dr Vincenzo Eduardo Padulano

16:40-16:50

Self-driving Telescope Schedules: A Framework for Training RL Agents based on Telescope Data

Speaker

Franco Terranova

16:50-17:00

pymcabc: A Particle Physics Toy Toolbox for the ABC Model

Speaker

Aman Desai

17:00-17:30

Bridging RooFit and SymPy with applications in amplitude analysis

Speaker

Jonas Rembser

17:30-18:00

A Framework for Data Simulation and Analysis of the BabyCal Electromagnetic Calorimeter

Speaker

Daniel Hebel

18:00