

**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