

Session Program

13-17 Jul 2020

PyHEP 2020 (virtual) Workshop

***Analysis platforms & automatic
differentiation***

Wednesday 15 July

08:00

Analysis platforms & automatic differentiation

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

08:00–08:45 **Columnar Analysis at Scale with Coffea (TUTORIAL)**

Speaker

Mat Adamec

08:45–09:15

High Granularity Calorimeter (HGCAL) test beam analysis using Jupyter notebooks

Speaker

Matteo Bonanomi

09:15–09:45 **BREAK**

09:45–10:30 **Introduction to automatic differentiation (TUTORIAL)**

Speaker

Lukas Alexander Heinrich

10:30–11:00 **neos: physics analysis as a differentiable program**

Speaker

Nathan Daniel Simpson

11:00