

Session Program

13-17 Jul 2020

PyHEP 2020 (virtual) Workshop

HEP analysis ecosystem & performance

Friday 17 July

08:00

HEP analysis ecosystem & performance

Session | **Conveners:** Hans Peter Dembinski, Eduardo Rodrigues

08:00–08:30 **The boost-histogram package**

Speakers

Hans Peter Dembinski, Henry Fredrick Schreiner

08:30–09:00

Providing Python Bindings For Complex and Feature-Rich C and C++ Libraries

Speaker

Martin Schwinzerl

09:00–09:30

Integrating GPU libraries for fun and profit

Speaker

Adrian Oeftiger

09:30–10:00

BREAK

10:00–10:30

mplhep: bridging Matplotlib and HEP

Speaker

Andrzej Novak

10:30–11:00

ROOT preprocessing pipeline for machine learning with TensorFlow

Speaker

Matthias Komm

11:00