

Session Program

26-29 Mar 2018



Joint WLCG & HSF Workshop 2018

Programming for Concurrency and Co-Processors

Napoli, Italy, Centro Congressi Federico II (Aula Magna; Aula A); Hotel Vesuvio
via Partenope 36/45

Wednesday 28 March

09:00

Programming for Concurrency and Co-Processors

Session | Location: Hotel Vesuvio, Scarlatti | Convener: Jim Pivarski

09:00–09:20 **FPGAs as co-processors for reconstruction**

Speaker

Christian Faerber

09:20–09:40

VecCore: Expressing HEP algorithms in terms of explicit SIMD types and operations

Speaker

Andrei Gheata

09:40–10:00

Dask: distributed computing for scientific Python

Speaker

Dr Martin Durant

10:00–10:20

Parallelized tracking algorithms

Speaker

Matti Kortelainen

10:20–10:30

Discussion

10:30