

Session Program

2-3 Nov 2021

SwiftHep/ExcaliburHep workshop.

Morning session. Day 2

Wednesday 3 November

09:00

Morning session. Day 2

Session

09:00–09:30 **WP2. Event generators. Presentation and discussion**

Subcontributions

Pythia and EvtGen developments

Speakers

Fernando Abudinén, Michal Kreps

Workpackage plans

Speaker

Christian Gutsche

09:30–10:30 **WP3. Simulation Presentations and discussion**

Subcontributions

Progress on AdePT and Celeritas

Speaker

Benjamin Morgan

Progress on Opticks/OptiX

Speakers

Keith Lee Evans, Yunlong Li

Fast simulations and future plans

Speaker

Hasib Ahmed

10:30–11:00 **Short break**

11:00–11:20 **Simulation work using FPGAs**

Speaker

Marco Barbone

11:20–11:40 **Intel presentation on OneAPI**

Speaker

Graham McKenzie

11:40–12:10 **Intro to RTX accelerated ray tracing with OptiX 7**

Speaker

Ramona Hohl

13:20