Session Program

25–27 Mar 2024

GridPP51 & SWIFT-HEP07

Swift-HEP

The Edge

Wednesday 27 March

09:00

Swift-HEP: SWIFT-HEP block
Session | **Location:** The Edge

09:00–09:15 **Setup, welcome and plan for the day**

Speaker
Davide Costanzo

09:15–09:45 **Latest update on reconstruction**

Speakers
Alison Elliot, Sam James Harper

09:45–10:05 **Progress with Alpaka**

Speaker
Ryan Cross

10:05–10:25

Graphical Tools for Detector Operations/Validation: Should we be involved?

Speaker
Sam James Harper

10:30

11:00

Swift-HEP
Session | **Location:** The Edge

11:00–11:20 **Developments on EvtGen and Pythia**

Speaker
Dr Fernando Abudinén

11:20–11:40 **Towards efficient and sustainable event generation for the HL-LHC**

Speaker
Christian Gutschow

11:40–11:55 **Discussion on event generator plans**

11:55–12:25 **LLM models in particle physics**

Speaker
Dr Luke Kreczko

12:30

13:30

Swift-HEP
Session | **Location:** The Edge

13:30–13:50 **Ideas towards a WP on AI and other new tools**

Speaker
Dr Timothy Paul Scanlon

13:50–14:10 **Analysis facility progress and discussion**

Speakers

Dr Luke Kreczko, Sam Eriksen

14:10–14:35 **AdePT progress and plans**

Speaker

Juan Gonzalez Caminero

14:35–14:50 **Profiling Celeritas**

Speaker

Peter Thomas Heywood

14:50–15:00 **Discussion on simulation**

15:00

15:20

Swift-HEP: SWIFT-HEP

Session | **Location:** The Edge

15:20–16:00 **Plans for the next 6 months and swift-hep 2**

Speaker

Davide Costanzo

16:00