

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**

	<p>Speakers Dr Luke Kreczko, Sam Eriksen</p>
	<p>14:10–14:35 AdePT progress and plans</p> <p>Speaker Juan Gonzalez Caminero</p>
	<p>14:35–14:50 Profiling Celeritas</p> <p>Speaker Peter Thomas Heywood</p>
	<p>14:50–15:00 Discussion on simulation</p>
15:00	
15:20	<p>Swift-HEP: SWIFT-HEP Session Location: The Edge</p>
	<p>15:20–16:00 Plans for the next 6 months and swift-hep 2</p> <p>Speaker Davide Costanzo</p>
16:00	