

Session Program

20-24 Jul 2026



34th International Workshop on Vertex Detectors

New Developments

Friday 24 July

09:00

New Developments

Session | **Location:** Stoos Lodge, Stoos, Switzerland | **Convener:** Stefano Terzo

09:00–09:20

Recent developments in Allpix Squared

Speaker

Naomi Davis

09:20–09:40

Progress of SiC and GaN as particle detector

Speaker

Xin Shi

09:40–10:00

Progress in 3D Diamond detector characterisation and design

Speaker

Alexander Oh

10:00

10:30

New Developments

Session | **Location:** Stoos Lodge, Stoos, Switzerland | **Convener:** Martin Kocian

10:30–10:50

Quantum sensors for forward detectors

Speaker

Ben Kilminster

10:50–11:10

Modern interconnection technologies for pixel detectors

Speaker

Fabian Huegging

11:10–11:30

NEUROPix: Spiking Neural Networks fo pixel detector data processing

Speaker

Mathieu Benoit

11:30–11:50

Smart pixels: on-chip data reduction with machine learning

Speaker

Jennet Elizabeth Dickinson

11:50