

Session Program

27-29 Aug 2024

2nd ECAL Upgrade II Workshop

Detector software

Peking University

Wednesday 28 August

09:00

Detector software

Session | **Location:** Peking University | **Convener:** Liupan An

09:00–09:15 **Hybrid Monte Carlo simulation framework**

Speaker

Marco Pizzichemi

09:20–09:35 **DD4Hep and Gauss integration**

Speaker

Davide Zuliani

09:40–09:55 **Clustering for the PicoCal**

Speaker

Nuria Valls Canudas

10:00–10:15 **Simulation study of the $B \rightarrow K^* \gamma$ channel**

Speaker

Mr Yiheng Luo

10:20–10:35 **Simulation study of the $B \rightarrow K^* e e$ channel including PID**

Speaker

Fionn Bishop

10:40–10:55 **Simulation study of the $D \rightarrow \pi \pi \pi^0$ channel**

Speaker

Chenjia Zhang

11:00

11:30

Detector software

Session | **Location:** Peking University | **Convener:** Marco Pizzichemi

11:30–11:45 **Reconstruction studies for a longitudinally segmented ECAL**

Speaker

Jiale Fei

11:50–12:05 **High-granular configuration with single-sided readout**

Speaker

Felipe Luan Souza De Almeida

12:10–12:25 **Simulations to determine crystal requirements (incl. spillover)**

Speaker

Loris Martinazzoli

12:30–12:45 **Studies of transverse cluster properties**

Speaker

Ao Yuan

13:00