Session Program

17–20 Nov 2026



XII SPD collaboration meeting

Software and Computing

Friday 20 November

10:00

Software and Computing

Session | **Location:** VBLHEP, LHEP-215/Conference Hall - Конференц-зал корп. 215

10:00–10:10 **SPD GeoModel status update**

Speaker
Ramdas Makhmanazarov

10:10–10:30 **Implementation of ZDC simulation in Sampo**

Speaker
Ilia Zimin

10:30–10:50 **Implementation of RS simulation in Sampo**

Speakers
Alexandr Osetrov, Alexandr Osetrov

10:50–11:10 **Implementation of FTF generator in Sampo**

Speaker
Nikita Chalyi

11:10–11:20 **ST MC hits production**

Speaker
Alexander Lazarev

11:20–11:30 **Barrel Straw Tracker geometry**

Speaker
Mr Sergey Romakhov

11:30

12:00

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12:00–12:20 **SPD Distributed Data Management status update**

Speaker
Alexey Konak

12:20–12:40 **SPD offline software CI/CD status update**

Speaker
Ринат Короткин

12:40–13:00 **Production system status update**

Speaker
Nikita Monakov

13:00

14:00

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14:00–14:20 **SPD Online Filter prototype current status**

Speaker
Nikita Greben

14:20–14:40 **SPD OnLine Filter data managment system update**

Speaker
Polina Korshunova

14:40–15:00 **Data quality monitoring framework proposal.**

Speaker
Alexey Anisenkov

15:00–15:20 **Hardware DB: DAQ case**

Speaker
Rolen Magkaev

15:30

16:00

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16:00–16:20
Track Reconstruction in SPD Time Slices Using Graph Neural Network and Contrastive Learning

Speaker
Aleksei Didorenko

16:20–16:40
Graph Attention Neural Network (GANN) for particle track clustering by event within a timeslice

Speaker
Savelii Omelianchuk

16:40