

Programm der Sitzung

21.-22. Sept. 2020

Collaboration Meeting

Parallel session C+D

Remote

Di., 22. September

09:00

Parallel session C+D

Sitzung | Ort: Remote

09:00–09:20 Uhr **Status of ACTS Deployment at FASER**

Sprecher

Tobias Boeckh

09:20–09:40 Uhr **Status of Belle II ACTS Activities**

Sprecher

Ralf Farkas

09:40–10:00 Uhr **Status of Cellular Automaton in ACTS**

Sprecher

Ivan Kisel

10:00–10:20 Uhr

Impact parameter for heavy ion collisions with a PointNet architecture

Sprecher

Manjunath Omana Kuttan

10:20–10:30 Uhr **Short coffee break**

10:30–10:50 Uhr

Identification of Cosmic Rays from Sources using Dynamic Graph Convolutional Neural Networks

Sprecher

Niklas Langner

10:50–11:10 Uhr **Using Generative Networks to amplify statistics**

Sprecher

Sascha Diefenbacher

11:10–11:30 Uhr **Flow-based networks and their benefits for high-energy physics**

Sprecher

Thorsten Glösenkamp

11:30–11:50 Uhr **Fast simulation of particle showers**

Sprecher

Jabbar Jubna

11:50–12:10 Uhr **Selective Background Monte Carlo simulation with deep learning**

Sprecher

Nikolai Hartmann

12:10–12:30 Uhr **PXD background image generation using GANs**

17:00

Sprecher
Hosein Hashemi