

**Master, Diploma, Bachelor
2022**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Femtoscopic correlations of pairs of nonidentical particles in Monte Carlo simulations for the CBM experiment

Saturday, 31 December 2022 08:00 (1 minute)

Presenter: BORZYM, Wioletta (Warsaw University of Technology(WUT))

Contribution ID: 2

Type: **not specified**

Optimierung der lokalen Rekonstruktion beim STS-Detektor des CBM-Experiments zur effizienten Prozessierung auf GPUs

Saturday, 31 December 2022 08:01 (1 minute)

Presenter: HUNOLD, Kilian (Frankfurt Institute for Advanced Studies(FIAS))

Contribution ID: 3

Type: **not specified**

Ring reconstruction in the MAPMT photodetector plane of the mCBM-RICH detector with the help of Convolutional Neural Networks

Saturday, 31 December 2022 08:02 (1 minute)

Presenter: HAAS, Robin (Justus-Liebig-Universität Gießen(JULGi))

Contribution ID: 4

Type: **not specified**

Pattern recognition using machine learning for the mRICH detector in the mCBM experiment

Saturday, 31 December 2022 08:03 (1 minute)

Presenter: BEYER, Martin (Justus-Liebig-Universität Gießen(JuLGi-2PI))

Contribution ID: 5

Type: **not specified**

Evaluation of the prototypes of the detector modules for the CBM Silicon Tracking System

Saturday, 31 December 2022 08:04 (1 minute)

Presenter: KSHYVANSKYI, Oleksandr (National Academy of Sciences of Ukraine(KINR))

Contribution ID: 6

Type: **not specified**

CBM performance study of K^0_S yield using ML techniques for Au+Au collision at $p_{\text{beam}} = 12$ AGeV

Saturday, 31 December 2022 08:05 (1 minute)

Presenter: BHALERAO, Shantanu

Contribution ID: 7

Type: **not specified**

Feasibility study of femtoscopic measurements of strange particles in the CBM experiment at FAIR

Saturday, 31 December 2022 08:06 (1 minute)

Presenter: KARABOWICZ, Malgorzata (Warsaw University of Technology(WUT))

Contribution ID: 8

Type: **not specified**

Visualisation of Data and Validation of Reconstruction Algorithms used in Hadronic Physics Experiments

Saturday, 31 December 2022 08:07 (1 minute)

Presenter: NAN, Adriana (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Contribution ID: 9

Type: **not specified**

CBM performance for K^0_S meson measurement using Machine Learning

Saturday, 31 December 2022 08:08 (1 minute)

Presenter: LAVORYK, Olha (Taras Shevchenko National University of Kyiv)