

PhD Thesis 2015

Report of Contributions

Contribution ID: 0

Type: **not specified**

Timing Resistive Plate Chambers with Ceramic Electrodes for Particle and Nuclear Physics Experiments

Thursday, 31 December 2015 08:00 (1 minute)

Presenter: Mr LASO GARCIA, Alejandro (Helmholtzzentrum Dresden-Rossendorf(HZDR))

Contribution ID: 1

Type: **not specified**

Di-muon measurements for the development of muon chamber and particle production in the CBM experiment at FAIR

Thursday, 31 December 2015 08:01 (1 minute)

Presenter: Dr PRAKASH, Arun (Banaras Hindu University(BHU-Phys))

Contribution ID: 2

Type: **not specified**

Studies to improve the radiation hardness of CMOS-sensors in the application for vertex detectors of heavy-ion experiments

Thursday, 31 December 2015 08:02 (1 minute)

Presenter: DOERING, Dennis (Goethe-Universität Frankfurt(UFfm-IKP))

Contribution ID: 3

Type: **not specified**

Construction and Commissioning of a Setup to Study Ageing Phenomena in High Rate Gas Detectors

Thursday, 31 December 2015 08:03 (1 minute)

Presenter: Mr ABUHOZA, Alhussain (GSI, Darmstadt)

Contribution ID: 4

Type: **not specified**

Methods and Algorithms for J/Psi \rightarrow e⁺ - e⁻ Decays Recognition in the CBM Experiment

Thursday, 31 December 2015 08:04 (1 minute)

Presenter: Ms DERENOVSKAYA, Olga (Joint Institute for Nuclear Research (JINR)(JINR-LIT))

Contribution ID: 5

Type: **not specified**

Development of the Readout Controller for the CBM Micro-Vertex Detector

Thursday, 31 December 2015 08:05 (1 minute)

Presenter: MILANOVIC, Borislav (Goethe-Universität Frankfurt(UFfm-IKP))

Contribution ID: 6

Type: **not specified**

Radiation Mitigation for SRAM-Based FPGAs in the CBM Experiment

Thursday, 31 December 2015 08:06 (1 minute)

Presenter: MANZ, Sebastian (Goethe-Universität Frankfurt(UFfm-ICS))

Contribution ID: 7

Type: **not specified**

Low Power A/D Converters for multichannel integrated circuits

Thursday, 31 December 2015 08:07 (1 minute)

Presenter: OTFINOWSKI, Piotr (AGH University of Science and Technology(AGH))

Contribution ID: 8

Type: **not specified**

Extending C++ for Explicit Data-Parallel Programming via SIMD Vector Types

Thursday, 31 December 2015 08:08 (1 minute)

Presenter: KRETZ, Matthias (Uni-Frankfurt, FIAS)

Contribution ID: 9

Type: **not specified**

Mechanical Integration of the Micro Vertex Detector for the CBM experiment

Thursday, 31 December 2015 08:09 (1 minute)

Presenter: Mr TISCHLER, Tobias (Goethe-Universität Frankfurt(UFfm-IKP))