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Seminarium Zakładu Energetyki Jądrowej i Analiz Środowiska (UZ3) Departament Badań Układów Złożonych (DUZ)

Wtorek: **09.06.2020**
11:30

dr Marcin Bielewicz

MCORD - The MPD Cosmic Ray Detector - present status of work

Abstract:

At the Joint Institute for Nuclear Research (Dubna, Russia), a new large research device - the NICA Collider - has been under construction for several years. An additional cosmic ray detector (MCORD) is designed for the main detector set (MPD). This detector, in addition to the obvious function of detecting cosmic ray particles, would be nice to improve recognition (detection) of muons from the collision and to work as an additional trigger for other sub-detectors. The MCORD detector elements are also to be used to calibrate other detectors before starting the beam. Currently, work is underway to build a demonstrator. During the presentation, I will present the current status of design work and work on the demonstrator.

Serdecznie zapraszamy,
M. Dąbrowski, T. Kwiatkowski

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