

Welcome to NICA days 2015 in Warsaw



Contribution ID: 28

Type: **not specified**

MPD Conceptual Design

The design concept of a detector which would be capable to exploit the broad physics potential of the high luminosity NICA collider is a challenging task. The detector to explore phase diagram of strongly interacting matter in a high track multiplicity environment has to cover a large phase space, be functional at high interaction rates and comprise high efficiency and excellent particle identification capabilities. It must also be based on the recent detector developments in order to meet the ambitious physics requirements, and to be of comparatively reasonable cost. A brief description the main parameters of the MPD detector will be done.

Author: GOLOVATYUK, Viacheslav (Joint Inst. for Nuclear Research (RU))

Presenter: GOLOVATYUK, Viacheslav (Joint Inst. for Nuclear Research (RU))