

NEC'2019



Contribution ID: 199

Type: **Sectional**

JINR educational portal («edu.jinr.ru») — open educational resources and modern visualization tools for training of young professionals for research projects

Friday 4 October 2019 10:45 (15 minutes)

Today open online courses have shown their effectiveness for further education in various fields. We have created new courses devoted to JINR research projects: NICA/MPD, SHE Factory, applied researches with heavy ions and neutrons.

The open educational portal of JINR is being developed for university students of the JINR Member States and Associate Members, young specialists and science teachers. The portal hosts the MOOC format courses connected with priority JINR activities. The portal also contains links to digital materials, that overview the basic JINR physical facilities using 3D modeling tools, as well as to the Virtual Laboratory project devoted to the experimental nuclear physics. Another section of the portal – “Scientists for schools” which could be used as additional educational materials for the course of school physics.

The materials of the portal could be used for student trainings before and during the JINR student practices, to train students for their research work and for conducting the specialized courses at the universities of JINR Member States and Associate Members.

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Session Classification: Innovative IT Education

Track Classification: Innovative IT Education