

Simulation of the long-baseline neutrino experiments with Global Neutrino Analysis package

Wednesday, 17 April 2019 14:30 (15 minutes)

Neutrino physics is a major part of modern science. Now in Dzhelapov Laboratory of Nuclear Problems of JINR, we are developing a global neutrino analysis software (GNA). The main goal of this program is to create some universal way to analyze any kind of neutrino experiments. At first, this problem has been being solved only for reactor neutrino experiments such as Day Bay, JUNO.

This talk will be devoted to including long-baseline neutrino experiments into this package.

Primary author: Ms KALITKINA, Anastasia (JINR, DLNP, University Centre, MSU)

Co-authors: Ms FATKINA, Anna (JINR); TRESKOV, Konstantin (JINR); Ms KOLUPAEVA, Liudmila (JINR)

Presenter: Ms KALITKINA, Anastasia (JINR, DLNP, University Centre, MSU)

Session Classification: High energy physics

Track Classification: High Energy Physics