

# The XXV International Scientific Conference of Young Scientists and Specialists (AYSS-2021)

Contribution ID: 906

Type: **Oral**

## PROGRESS ON NEW BEAM LINES DESIGN AND CONSTRUCTION FOR APPLIED RESEARCH AT NICA

*Monday, 11 October 2021 14:30 (15 minutes)*

The new beam channels and stations for applied research of NICA complex are currently under construction at JINR, pursues the goal of study of radiobiology and electronic component irradiation by high-energy and low-energy ion beams. A detailed technical design for magnet and vacuum systems is ready. A construction of these systems has been started. The installation and commissioning are planned for summer 2022 followed by the first beam run in autumn 2022. In the paper, the project status overview is given and practical technical highlights are presented.

**Primary author:** FILATOV, Georgii (JINR)

**Co-authors:** Mr KARPINSKII, Viktor (JINR); Mr SLIVIN, Alexey (JINR); Mr VOROZHTSOV, Alexey (JINR); SYRESIN, Evgeny (Joint Institute for Nuclear Researches); Mr KOLESNIKOV, Sergey (JINR); TIKHOMIROV, Alexander (LHEP); GALIMOV, Artem (Joint Institute for Nuclear Research); Mr TYULKIN, Vladislav (JINR); SHIPULIN, Konstantin (DLNP, JINR); Mr AGAPOV, Alexey (JINR); Mr BUTENKO, Andrey; Mr TUZIKOV, Alexey; Mr KUZNETSOV, Maksim (JINR); KIROV, Sergey; LETKIN, Dmitrii (JINR LHEP); Mr SERGEEV, Andrey (JINR); LEUSHIN, Dmitry (JINR LHEP)

**Presenter:** FILATOV, Georgii (JINR)

**Session Classification:** Particle accelerators and nuclear reactors

**Track Classification:** Particle Accelerators and Nuclear Reactors