

Contribution ID: 78 Type: not specified

Low Level Radio Frequency system of NICA linac

Tuesday, 29 September 2015 16:55 (15 minutes)

The report describes the features of the development and creation of main oscillator to the high frequency linear accelerator of NICA system.

In the report will be:

- Presented the principles of construction of the five-chanalled precision generator with signal frequency and phase automatic adjustment.
- Examined the principles of frequency adjustments at HiLac resonators
- Reported about installation and tuning of the equipment, presented data of equipment testing at linear accelerator at NICA system.

Primary author: Mr SHIRIKOV, Ilya (-)

Co-authors: Dr BUTENKO, Andrey (JINR); Dr GORBUNOV, Nikolay (JINR)

Presenter: Mr SHIRIKOV, Ilya (-)

Session Classification: Triggering, Data Acquisition, Control Systems