

Radiation from Relativistic Electrons in Periodic Structures "RREPS-23" & Electron, Positron, Neutron and X-ray Scattering under External Influences "Meghri-23"



Contribution ID: 128

Type: **Poster**

Project of the source of relativistic electrons with angular momentum

Tuesday 19 September 2023 17:00 (1 minute)

Project of the source of relativistic electrons with angular momentum

Development of the source of relativistic "vortex" electrons (with orbital angular momentum) based on the LINAC-200 electron accelerator complex is started in JINR. First stage of this project is the testbench with the electron energy of 5 MeV for the RF-gun based option and of 400 keV for the DC-gun based one. Testbench technical description and current status is given.

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Session Classification: Poster session II