

## The effect of the "FLAT-TOP" resonant system of the DC-280 accelerator on the accelerated ion beam

*Wednesday, 13 July 2022 10:40 (20 minutes)*

The work was carried out, during which the effect of the additional accelerating system "flat-top" on the beam of accelerated ions was studied and verified. This technology makes it possible to reduce the energy spread in accelerated ion clumps and implement an effective single-turn output, which consequently increases the efficiency of beam transmission.

### The speaker is a student or young scientist

Yes

### Section

1. Design and development of charged particle accelerators and ionizing radiation sources

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**Session Classification:** Poster session