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## **Modernization of the NSC KIPT hard X-ray source facility**

*Monday, 8 May 2023 16:30 (2 hours)*

To satisfy up-to-date technical requirements NSC KIPT hard X-ray source on the base of Compton scattering NESTOR should be modified. Essential modernization should be done in accelerator-injector, lattice of the storage ring, RF and optical systems.

In the paper the technical proposals of the facility modernizations and results of beam dynamic simulations in the modified facility are presented and described.

### **Funding Agency**

### **Footnotes**

### **I have read and accept the Privacy Policy Statement**

Yes

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