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## **Comprehensive studies of cultural heritage sites at the IBR-2 reactor**

*Monday 9 June 2025 11:30 (10 minutes)*

Various studies of archaeological samples have been carried out at the IBR-2 reactor for many years, using available methods and installations. Most of these experiments are conducted to determine the volume (neutron tomography) and structural (neutron diffraction) characteristics of samples. However, in connection with the modernization of the EPSILON installation on channel 7 (b) of the IBR-2 reactor, it became possible to measure the crystallographic texture, which is a set of orientations of polycrystal grains. The report will provide an overview of such studies at the DN-6, NPT facilities and the results.

### **Summary**

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**Session Classification:** Section Talks

**Track Classification:** Sectional talks: FLNP