Contribution ID: **133** Type: **Sectional reports**

Services of computational neurobiology tasks, based on the distributed modular platform «Digital Laboratory» NRC «Kurchatov Institute»

Thursday 8 July 2021 16:30 (15 minutes)

This report will present services for performing computational neurobiology tasks for working with experimental data from nuclear magnetic resonance imaging of the human brain. These Services are created as separate modules based on the "Digital Laboratory platform" NRC "Kurchatov Institute".
On the basis of the distributed modular platform «Digital Laboratory» at NRC "Kurchatov Institute" NBICS Complex an information and analytical environment was organized as a system that combines the scientific equipment of the Resource Centers, the Computing Center, virtual machines and personal computers of Scientific's laboratories into a single virtual space, while organizing the exchange of data between various buildings, their processing, analysis and storage. The work with the system is carried out through the user web interface.

Summary

Primary authors: POLYAKOV, Andrey (National Research Center "Kurchatov Institute"); ENYAGINA, Irina (Kurchatov Institute)

Presenter: ENYAGINA, Irina (Kurchatov Institute)

Session Classification: Research infrastructure

Track Classification: 2. Research infrastructure