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Distributed modular platform for working with neurocognitive experiments data (MRI/fMRI)

Thursday, 6 July 2023 14:30 (15 minutes)

The research computer infrastructure for working with experimental MRI/fMRI data of the brain of a human or a laboratory animals is described:
- System "Neurovisualization" of the IAP "Digital Laboratory", with the involvement of the supercomputer of the Research Center KI as a computing resource;
- Additional software services based on the IAP "Digital Laboratory" that implement new methods and algorithms for working with data;
- User web interface of IAP "Digital Laboratory";
- A system based on the HybriLit platform (JINR), with the ability to connect via the web interface of the IAP "Digital Laboratory".

Summary

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