

XXV International Baldin Seminar on High Energy Physics Problems  
"Relativistic Nuclear Physics and Quantum Chromodynamics"



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on High Energy Physics Problems  
*Relativistic Nuclear Physics & Quantum Chromodynamics*  
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## New Developments in MPD Data Analysis Framework

*Thursday, 21 September 2023 14:30 (20 minutes)*

The talk provides overview of the implementation of the Test Driven Development (TDD) paradigm for verification of the reconstruction engine in MPD offline data analysis framework MPDRoot.

Required changes in the codebase architecture and the environment for diagnostics and data analysis, which are necessary to increase the potential for the future developments for reconstruction engine, are shown.

First results of comparing different reconstruction modules are demonstrated.

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