

Development of Offline Run Validation System for the JUNO Experiment

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The Jiangmen Underground Neutrino Observatory (JUNO) is an international neutrino experiment to study fundamental properties of neutrino and natural objects using neutrino as a probe. High-quality data for physics analyses require a reliable system for offline run validation. In this context, a monitoring system is being developed that can be used for JUNO, offering visualizations and tools to support expert inspection of data runs. The poster will focus on the architecture of the system, the underlying database model, and the core functionalities of the system. In addition, a prototype of the user interface will be presented to illustrate the main features.

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