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## Data Management System for SPD Online Filter

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The Spin Physics Detector (SPD) is being built as a part of NICA mega-science facility in the Joint Institute for Nuclear Research. A design feature of the detector is the absence of a classical trigger system that allows event selection. This leads to the need to collect the entire set of generated signals from the subsystems. In this regard, the data flow from the detector can reach 200 PB/year. In order to reduce the amount of data for long term storage and subsequent analysis, it is planned to carry out their primary processing using a specialized computing system - SPD Online Filter. In this report, we present one of its components - a data management system that provides control over the data lifecycle.

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