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## Long-term data preservation in ALICE: status and plans

*Thursday 3 October 2024 11:20 (20 minutes)*

The status of data preservation in the ALICE collaboration will be presented, focusing on efforts to preserve Runs 1 and 2 data using the new data format and software framework developed for Run 3 and 4 under the ALICE O2 project. The conversion of old AOD and ESD formats to the new AO2D format significantly reduces data size and introduces a flat data model optimized for fast I/O. Additionally, the O2 analysis framework efficiently handles the increased data volume of Runs 3 and 4, ensuring the long-term accessibility of both legacy and future data.

### Summary

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