

Data Preservation in High Energy Physics : a 10 years perspective

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At the end of their data taking, experiments in HEP enter a period of data analysis that can be prolonged and made more effective if dedicated data preservation projects are designed and executed. Those projects enable in fact a cost-effective way of doing fundamental research by exploiting unique data sets in the light of the continuously increasing theoretical understanding. This talk summarizes the status of data preservation in high energy physics, with a perspective of more than ten years of experience with a structured effort at international level. The status and the scientific return related to the preservation of data accumulated at large collider experiments are presented, together with an account of ongoing efforts to ensure long-term analysis capabilities for ongoing and future experiments.

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