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How to keep the Grid full and working with ATLAS production and physics jobs

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The ATLAS production system has provided the infrastructure to process of tens of thousand of events during LHC Run1 and the first year of the LHC Run2 using grid, clouds and high performance computing. We address in this contribution all the strategies and improvements added to the production system to optimize its performance to get the maximum efficiency of available resources from operational perspective and focussing in detail in the recent developments.

Tertiary Keyword (Optional)

Secondary Keyword (Optional)

Computing models

Primary Keyword (Mandatory)

Distributed workload management

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