



LHCb trigger streams optimization [Highlights]

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- > The LHCb allows individual user jobs to run on the whole physics data.
- > In order to speed them up, the data is split into several streams.
- > A method was developed for finding the optimal streams composition. It is flexible and can be used for different cost functions and numbers of streams.
- > For the data after trigger, it is possible for the same number of streams to decrease the disk reading time of the analysis jobs by 20% while maintaining the lines groupings and by 50% while not.