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Physics at the LHC run 1

Monday, June 16, 2014 10:00 AM (1 hour)

After a short introduction on the standard model of elementary particles, on the LHC and its experiments, I will present an overview of the main physics results from the first run. Now that the LHC is stopped and we are completing the publication of the analyses of the run 1 data, it is a good time to review the results obtained so far. These could not have been obtained without a number of developments and innovations in the areas of software and computing, which will be even more necessary for the next run.

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