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## DAQ - Filtering Data from 1 PB/s to 600 MB/s <sup>[1]</sup>

**Date:**

Thursday, 13 July, 2017 - 13:30 to 15:30

**Location:**

31-3-004 <sup>[2]</sup>

? This is the story of the physics signal from the detector to tape

? The level is undergraduate and targeted at non-specialist students (originally developed for physicists)

? The aim is to explain important concepts and terminology

? We will discuss electronics, trigger, data acquisition and related computing

? Topics are related, no 100% separation between the 3

? Trigger & DAQ do not live in isolation: context and more details for example in

? The ISOTDAQ school: [http://isotdaq.web.cern.c](http://isotdaq.web.cern.ch/isotdaq/isotdaq/Home.html) <sup>[3]</sup> h/isotdaq/isotdaq/Home. html

? The CERN summer-student lecture programme: [http://summertimetable.web.cern.ch/su](http://summertimetable.web.cern.ch/summer-timetable/) <sup>[4]</sup>  
mmer-timetable/

**Indico or other event webpage:**

For more information about the event <sup>[5]</sup>

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**Source URL:** <http://test-static-05.web.cern.ch/news/daq-filtering-data-1-pbs-600-mbs>

**Links**

- [1] <http://test-static-05.web.cern.ch/news/daq-filtering-data-1-pbs-600-mbs>
- [2] <https://maps.cern.ch/mapsearch/>
- [3] <http://isotdaq.web.cern.c>
- [4] <http://summertimetable.web.cern.ch/su>
- [5] <https://indico.cern.ch/event/630359/>