

## 8th Beam Telescopes and Test Beams Workshop



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# Hands-On: Making the most of your test-beam time - Understanding the triggering modes of the new AIDA-TLU to optimally match your DAQ system

*Tuesday 28 January 2020 16:30 (2h 30m)*

Test-beam time is always limited. The tutorial will introduce the key features to optimally use your test-beam time with the DESY telescopes and the AIDA-TLU, which offers different modes of operation to match to your DAQ requirements. The tutorial consists of three parts:

In the beginning, the required software packages are introduced and installed.

In the second step we will discuss and demonstrate the different modes of operation.

Finally, we will connect two scintillators/PMTs to trigger on cosmics and demonstrate the impact of the modes on the trigger rates.

No expert knowledge is required to participate. Nevertheless, additional information can be found via the following links:

- EUDAQ
- DESY Telescopes
- AIDA-TLU

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**Session Classification:** Hands-on tutorials