

8th Beam Telescopes and Test Beams Workshop



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The Test Beam Facilities Online Database

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Irradiation and test beam facilities are used for detector R&D and more specifically for performing experiments about radiation hardness characterization and testing of detectors' performance, respectively. The availability of these facilities and the choice of the most suitable one for a given experiment is an important factor that may affect the quality of the experiment itself, its result and cost. In the past, several static lists with information about these facilities existed, however, the information contained there were limited and often outdated. Within the AIDA-2020 EU-project, an online database (DB) with information about more than 200 irradiation facilities has been developed and now being used since two years. Following the success of this project and as a request from the test beam community a new test beams facility online DB was developed and will be soon deployed and made public. In this presentation, the new test beam facilities DB and its features will be presented; along with updates related to the irradiation facilities one. Moreover, in the framework of the new call for Detector Innovation Pilot 2020, a new project concerning a platform that will enhance the knowledge sharing on experiments' results and research work in the test beam and irradiation facilities community will be also presented.

Authors: GKOTSE, Blerina (Mines ParisTech (FR)); RAVOTTI, Federico (CERN); WILKENS, Henric (CERN); AZ-IMOVA, Sabina

Presenter: GKOTSE, Blerina (Mines ParisTech (FR))

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