

”conCERNs” Requirements for CERN’s Beam Intercepting Devices design, operation and R&D

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In the contribution, I will briefly discuss the upcoming CERN Projects and the respective beam requirements. I will then provide examples of challenges related to Beam Intercepting Devices (BIDs), such as target, collimator and absorbers/dump in the LHC as well as in the injector chain. I will focus on few specific devices and systems in order to give practical examples of issues that engineers and physicist need to tackle when designing, building and operating such equipment.

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