

The experiment PANDA: physics goals and experimental setup

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PANDA is an experiment that will run at FAIR, the new accelerator facility in Darmstadt, Germany, in 2018. A high intensity antiproton beam with up to 15 GeV/c momentum will collide on a fixed target (pellet or jet target). The experiment will investigate a wide range of physics topics in the hadronic interactions in the non-perturbative QCD regime (center of mass energies between 2 and 5.5 GeV). The apparatus used to achieve these physics goals will be outlined in this talk.

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