

PANDA Physics at FAIR

Friday, 15 September 2017 11:30 (30 minutes)

The PANDA experiment will exploit matter antimatter annihilations at the international accelerator Facility for Antiproton and Ion Research in Europe (FAIR) to investigate fundamental questions of hadron and nuclear physics.

High interaction rates of cooled antiprotons, of 1.5 to 15GeV/c, with a fixed proton or nuclear target together with an unprecedented beam momentum precision enable a broad hadron physics program in the charmed and multi-strange sector capable to deliver decisive contributions to open questions of QCD.

This talk highlights the physics goals envisaged throughout the phases of the PANDA experiment at FAIR.

Primary author: BELIAS, Anastasios (GSI, Darmstadt)

Presenter: BELIAS, Anastasios (GSI, Darmstadt)

Track Classification: Hadron physics with antiprotons