Contribution ID: **334** Type: **Poster**

GeV-positron beams as a novel branch of the experimental basis for HEDP.

Tuesday 20 June 2017 13:30 (1h 30m)

It is now becoming clear that future applications of the readily available form of antimatter,namely positrons,especially in the form of power high brightness positron beams,will lead to the excellent progress in a few avenue of inquires of HEDP and,consequently,it will be next stop for HEDP experimental basis.Especcially,this is concerning with clue and stubborn problems as high velocity macroparticle acceleration for physical ballistics research,trims the size of heavy ion accelerator for ICF,radiation for giant resonance investigations and any others.In this report we will discuss modern theoretical research and suitable nowadays experimental chances.

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Session Classification: Poster session II - High-Energy Density Physics and Technology

Track Classification: High-Energy Density Physics and Technology