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Relativistic Protons and their Applications

Thursday 27 June 2013 16:40 (20 minutes)

The broad applications of relativistic proton beam, ranging from particle physics to nuclear energy generation systems, will be reviewed including a description of the relevant proton beam parameters and operational requirements for the proton sources and proton accelerators. The difficulties and limitations of the state of the art acceleration systems will be put in perspectives with laser acceleration concepts.

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