

FFAG 2007

ID de Contribution: 19

Type: **Oral presentation**

Status and overview of PRISM-FFAG ring

jeudi 12 avril 2007 09:30 (20 minutes)

A PRISM-FFAG ring is one of the key component in PRISM (Phase Rotated Intense Slow Muon) project which aims at searching for a charged-lepton-flavor-violation process beyond the Standard Model. At the FFAG ring, energy-spread of muon beam is made narrower by a phase-rotation technique with RF field. A lattice design, a construction of large-aperture magnets and a development of a high-gradient RF cavity have been done since 2003. Here, overview and status about the PRISM-FFAG ring are presented.

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Classification de Session: FFAG projects status and overview

Classification de thématique: FFAG projects status and review