

arXiv.org > physics > arXiv:1205.1527

Physics > Accelerator Physics

Henryk Piekarz (Fermilab)

(Submitted on 7 May 2012)

Search or Article-id

(<u>Help</u> | <u>Advance</u> All papers

Download:

• PDF only

Current browse cont physics.acc-ph < prev | next > new | recent | 1205

Change to browse b

physics

References & Citatio

- INSPIRE HEP
- (refers to | cited by)
- NASA ADS



Comments:8 ppSubjects:Accelerator Physics (physics.acc-ph)Report number:FERMILAB-TM-2550-APCCite as:arXiv:1205.1527 [physics.acc-ph]
(or arXiv:1205.1527v1 [physics.acc-ph] for this version)

the neutrino and meson beams production is presented and discussed.

Project X with Rapid Cycling and Dual

Storage Superconducting Synchrotrons

Investigation of neutrino oscillations and rare meson decays are main physics goals of Project X. The

successful physics outcome relies on the feasibility of high-intensity neutrino and meson (K+ and

synchrotrons (Option A) as a technologically easier and significantly more cost-effective alternative

to the accelerator system dominated by the linear accelerators (Option B). The synchrotron-based accelerator system and its main components are outlined and the expected proton beam power for

\mu) beams. In order to meet this goal we propose accelerator system dominated by the

Submission history

From: Piekarz, Henryk [view email] [via ROB proxy] [v1] Mon, 7 May 2012 20:14:37 GMT (439kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.