



Contribution ID: 9

Type: Talks

Low energy polarised positron source for the SuperB project

Wednesday, 24 June 2009 11:30 (30 minutes)

The SuperB project is a new project of flavour factory that takes into account a luminosity in the order of 10^{36} . This very ambitious goal is achievable thanks to a new colliding scheme, the crab waist, successfully tested in DAFNE, Frascati. In this framework the possibility to dispose of both polarised electron and positron beams is extremely attractive since this will allow an increasing of the physics events rate without increase the detector noise. First consideration on a possible scheme for a polarised positron source for the SuperB project will be presented.

Primary author: Dr VARIOLA, alessandro (LAL)

Presenter: Dr VARIOLA, alessandro (LAL)

Session Classification: Polarized Bremsstrahlung Sources

Track Classification: Talks