

DESY Seminar

Tuesday, 18.03.2008, 17h

DESY Hörsaal

Searches for Higgs bosons and New Physics at the Tevatron

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With an integrated luminosity of almost 4fb^{-1} , the Tevatron Collider provides unique opportunities to study electroweak symmetry breaking and to search for new physics. In addition to continuously improving measurements of the Top- and W-mass constraining the Higgs boson mass, this dataset allows to search for the direct production of Higgs bosons. The combination of high integrated luminosity and high centre-of-mass energy also provides sensitivity for production of new particles in mass regions far beyond existing limits. Recent results and perspectives for the remainder of the run will be discussed.

- **Tea and cookies will be served at 16.45h in the lobby**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**