

Service de Physique Nucléaire



Séminaire

le vendredi 16 juin 2006 à 11H

CEA Saclay, Orme des Merisiers, Bât. 703, Salle 135

The Spin Structure of the Nucleon: RHIC Spin, Global Analysis and J-PARC

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The spin structure of the nucleon has been investigated for decades by using polarized lepton scattering from polarized nucleon target. The studies are extended to include the polarized proton collisions at RHIC. The RHIC is improving its luminosity and polarization and producing interesting results revealing the deep inner structure of the nucleon. Current results and near future prospect will be presented. The data are further analyzed in that framework of global QCD analysis including inclusive DIS data. The new results with RHIC-PHENIX data to constrain gluon polarization will be presented. Furthermore, possible spin structure studies at the new facility J-PARC will be mentioned.

Le café sera servi 10 minutes avant

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