

Service de Physique Nucléaire



Séminaire

le mardi 21 septembre 2010 à 11h

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

The origin of the spin of the proton

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We review the current experimental and theoretical status of the proton spin crisis. This includes a discussion of the role of gluon exchange currents and chiral symmetry in modifying the naive expectations within a relativistic quark model. Lattice QCD also has an important role to play but there are a number of important uncertainties in the state of the art calculations that are not widely appreciated and we also discuss these in some detail.

ATTENTION : JOUR EXCEPTIONNEL

Le café sera servi 10 minutes avant

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http://irfu-i.cea.fr/Phocea/Vie_des_labos/Seminaires/index.php