



Università degli Studi di Cagliari  
Dipartimento di Fisica



Istituto Nazionale di Fisica Nucleare  
Sezione di Cagliari  
High Energy Theory  
Group

## Avviso di Seminario

Mercoledì 18 Ottobre 2006  
h. 15:00 – Aula B

**Dr. Christine A. Aidala**  
University of Massachusetts Amherst

### RECENT SPIN RESULTS FROM PHENIX

The PHENIX experiment at the Relativistic Heavy Ion Collider (RHIC) took extensive polarized proton data sets in 2005 and 2006, at two different energies and with both longitudinally and transversely polarized collisions. The longitudinally polarized data have allowed access to several new probes sensitive to the gluon polarization within the proton, the measurement of which is a major focus of the RHIC spin program. The transversely polarized data have permitted some exploratory measurements investigating the transverse spin structure of the proton, still poorly understood. The latest results from PHENIX will be presented and discussed.

