

2006 NNPSS Student Talks

Thursday, July 27:

Muslema Pervin, "Semi-leptonic decay of Ω -baryons in a constituent quark model"
Wouter Deconinck, "Search for exotic baryons at HERMES"

Friday, July 28:

Liliana Caballero, "Neutrino scattering in non-uniform dense matter"
Teppei Katori, "MiniBooNE experiment, a neutrino oscillation search at Fermilab"
Luca Bonanno, "A chiral Lagrangian to describe nuclear matter behavior at high temperature and high density"
Zhenhua Yu, "Ultra-cold atomic gases"

Monday, July 31:

Xin Qian, "Neutron transversity experiment at Jefferson Lab"
Zbigniew Chajecki, "Pion femtoscopy in p+p vs. heavy-ion collisions in STAR"
Valentina Santoro, "CP violation at the BaBar experiment"
Yao Huan, "Precision measurement of the neutron d_2 "
Gordon Hill, "Track reconstruction for the HERMES recoil detector"
Josh Rubin, "Unraveling the quark helicity distributions of the nucleon at HERMES"
Abhishek Mukherjee, "The Equation of State of hot, dense matter"
Vivek Parihar, "Dynamic time scales in a colored glass nuclear matter"
David Howell, "Transversity@JLab: Single-spin asymmetries in semi-inclusive DIS"
Giovanni Chirilli, "Small-x evolution of Wilson line"
Loren Linden Levy, "Longitudinal spin structure measurements with SIDIS at HERMES"

Tuesday, August 1:

Helber Dussan, "Equation of State of the neutron star's crust"
Janina Grineviciute, "Continuum shell model calculations for nucleon capture"
Jutri Taruna, Title not available
Jason Glyndwr Ulery, "Three-particle correlations from STAR"
Sergey Postnikov, "The second virial coefficient and transport properties of a non-relativistic gas of particles interacting via a delta-shell potential"
David Cox, "Neutrino scattering cross sections"

Thursday, August 3:

Takahiro Nagai, "Parton distribution functions in nuclei"
Neil Tiwari, "The Hagedorn spectrum and the QGP"
Christian Escudero, "Dynamical and geometrical aspects of isoscaling"
Pinghan Chu, "The new search for a neutron EDM"

Giuseppe Galata, "Tetraquark spectroscopy"

George Noid, "Novel measurement of 'little a'"

Alex Gezerlis, "Quantum Monte Carlo & neutron star matter superfluidity"

Henning Back, "Majorana search for neutrinoless double β -decay"

Jaime Morales, "Improved variational studies of nuclear matter"

Friday, August 4:

Rob Pattie, "The UCNA experiment and the lifetime of ^{19}Ne "

Peng Guo, "Confinement and the quark model in Coulomb gauge QCD"

Chris O'Shaughnessy, "A measurement of the neutron lifetime using magnetically trapped ultra-cold neutrons"