

REU PRESENTATIONS, 2010

Thursday, August 5, 2010

- 1) 9:15 - 9:35 am Ruslan Idelfonso Magna Vsevolodovna
 Virial Expansion of The Nuclear Equation of State

- 2) 9:40 - 10:00 am Jennifer Erchinger
 Investigating The Fragmentation of Excited Nuclear Systems

- 3) 10:05 - 10:25 am Victor Siller
 Precise Measurement of α_k For The 65.7 keV M4 Transition From ^{119m}Sn :
 A Test of Internal Conversion Theory

- 10:30 - 10:45 am BREAK

- 4) 10:45 - 11:05 am Kenneth . A. Whitmore
 Production and Separation of Exotic Beams via
 Fragmentation Reactions Using MARS

- 5) 11:10 - 11:30 am Christopher Canahul
 Building a Decay Detector for Investigating Isoscalar Giant
 Monopole Resonances in Radioactive Nuclei

- 6) 11:35 - 11:55 am Juan Olvera
 Acceleration of H^- Ions For The Cyclotron Institute Upgrade

- 12:00 am - 2:00 pm LUNCH BREAK

- 7) 2:00 - 2:20 pm Brian Pietsch
 Studying Jet Quenching Effects in Jets Recoiled From Direct Photons

8) 2:25 - 2:45 pm Andrea Delgado
A Study of Jet Quenching Near The QCD Phase Transition

9) 2:50 - 3:10 pm Andres Ortiz
Transport Coefficients of Hadron Matter at Finite Temperature

3:15 - 3:30 BREAK

10) 3:30 - 3:50 pm Jeffrey Roe
Electronic Design and Efficiency Analysis For The CMS Detector of The LHC

11) 3:55 - 4:15 pm Austin Aguro
Cryogenic Dark Matter Search (CDMS)

12) 4:20 - 4:40 pm Jose Antonio Rodriguez-Lopez
Transverse Flow of Light Clusters in Nuclear Reactions

Friday, August 6, 2010

13) 9:15 - 9:35 am Heather R. Stephens
Production of Short-Lived ^{37}K

14) 9:40 - 10:00 am Jordan Sefcik
Development of a Gas Stopper For Fusion-Evaporation Products

15) 10:10 - 10:30 am John Calvin Martinez
New Trigger Logic For The STAR Forward Meson Spectrometer (FMS)

Shalom Shlomo