Physics REU Projects

College of William and Mary

2009


Stefanie Cumberledge  Mentor: S. Pagola  Formation of Charge Transfer Salts by Solid State Grinding

Jeffrey S. Eldred  Mentor: I. B. Novikova  Measuring Polarization Rotation to study Spin-exchange Collisions

Patrick W. Gaskill and Joseph D. Shammas  Mentor: J. Erlich  Allowing for a Complex Background Field in AdS/QCD

Kasie J. Haga  Mentor: Todd Averett  Precision Characterization of Helium-3 Polarized Target Cells Using Electron Paramagnetic Resonance

Sean Litsey  Mentor: M. Sher  Higgs Masses in the Four Generation MSSM

Amanda Madden  Mentor: S. Aubin  Theoretical Calculation of the Anapole Moment of $^{39}K$ and $^{41}K$

Lke Paradis  Mentor: S. Aubin  Modification of an Agile Radio Frequency Source for Production and Manipulation of Ultra Cold Atoms


Lloyd Joseph Snow  Mentor: D. Armstrong  Some Analysis of Vertical Drift Chamber Data Using ROOT

Benjamin Sofka  Mentor: S. Aubin  Sequencer and LIAD tests for BEC


Ryan Zielinski  Mentor: D. Armstrong  Testing $Q_{\text{weak}}$’s Multiplexing Electronics