PHY982: Nuclear Dynamics
Final Projects
(NSCL seminar room)

April 16
9:50    Juan Burgos
        Nuclear reactions with separable interactions
10:20   Titus Morris
        Dynamics on a lattice
10:50   Joshua Vredevoogd
        The Glauber prescription for relativistic heavy ion collisions

April 18
9:50    Ragnar Stroberg
        Momentum distributions and cross sections for knockout reactions
10:20   Scott Suchyta
        One neutron knockout from $^{67}$Co
10:50   Nicki Larson
        One neutron knockout from $^{57}$Ni

April 20
9:50    Aimee Shore
        Fusion reaction in neutron rich systems
10:20   Adam Fritsch
        Simulations of low energy 2n-transfer for $^6$He on $^4$He
10:50   Jenna Smith
        Borromean nuclei

All nuclear science members are welcome to attend!
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April 23
9:50     Jack Winkelbauer
         *Nuclear Multifragmentation*
10:20    Rachel Hodges
         *Method and Sensitivities of the Quantum Molecular Dynamics model*
10:50    Suwat Tangwancharoen
         *Study of $^{132}$Sn+$^{124}$Sn at 290 MeV*

April 25
9:50     Lin Ling-Ying
         *The study of $^{27}$Al(p,g)$^{28}$Si resonance reaction*
10:20    Zach Meisel
         *Improved neutron capture rates for neutron crusts via TALYS*
10:50    Steve Quinn
         *Proton capture and alpha capture using TALYS*

April 27
10:20    Chris Morse
         *Reaction theory for charge exchange*
10:50    Michael Scott
         *The isovector giant monopole resonance*

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