

Physics Capstone Presentations

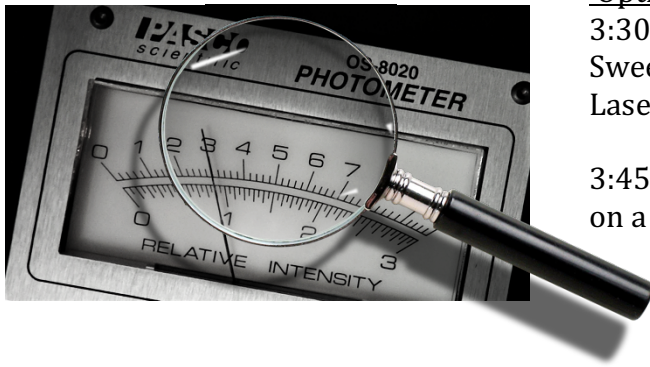
3:00-5:30pm Friday May 11, 2018

Morken (MCLT) Room 132

Computational Modeling

3:00 **Ashley Clendenen**, "Exploring the Behavior of Two Dimensional Oscillators"

3:15 **Carl Sanderson**, "A traffic flow model and perturbations caused by driver behavioral changes"



Optics

3:30 **Carly Stauffer**, "Detective Mode: A Sweeping Investigation of the Helium-Neon Laser"

3:45 **Nick Morrison**, "Repairing Lab Equipment on a Budget"

Astrophysics

4:00 **Kimberley Belmes**, "Further Investigation of the Time Evolution of Cool, Metallic Absorption Features in UV Burst Spectra"

Electromagnetism

4:15 **Chan Thourk**, "Magnetic Field Strength Fluctuation and Temperature"

Waves and Fluids

4:30 **Cecelia McRoberts Legg**, "Analysis and Simulation of Factors Influencing the Wavelength of Sand Ripples"



4:45 **Emma Southard**, "Exploring Fluid 'Smoke' Rings"

Dynamics

5:00 **Karsten Hendrickson**, "An Analysis of Aeroelastic Flutter"

5:15 **Alex Moore**, "A Tennis Ball and an Arm: How a Trebuchet's Arm Length Affects Throwing Distance"

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