Trident Scholar Symposium

April 25-26, 2019
Michelson 110

All are welcome to attend.

Thursday, April 25

1330 – MIDN 1/C Andrius Berotas – Electron Phonon Coupling in Superlattice and Multilayer Systems

1400 – MIDN 1/C Megan Hanson – Soft Skills and Soft Standards in a Sequential Learning Framework

1430 – MIDN 1/C Drew Weninger – Quantum Singularities in Black Hole Spacetime Systems with Timelike Classical Singularities

1500 – MIDN 1/C Robert Chung – Development of Advanced Functional Biomaterials

Friday, April 26

0800 – MIDN 1/C Thomas Imhoff – Asymmetrically Loaded Gridshells: A Parametric Study on Bracing Methods and a Case Study for Use in Disaster Relief

0830 – MIDN 1/C Anderson Camp – Design of a Hand Exoskeleton System Actuated via Linear and Adaptive Control for Rehabilitation
0900 – MIDN 1/C Cassandra Dooley – Ancestral Characteristics of Modern Populations and the Effect of Aid on Institutions

0930 – MIDN 1/C Dakota Wenberg – Development of Hybrid Robotic Controller for Autonomous, On-Orbit Spacecraft Assembly

1000 – MIDN 1/C Yash Khatavkar – Predicting Optimal Maneuvering Time Benefits for Satellite Attitude Control

1030 – MIDN 1/C Bennitt Hermsen – Near Wake Characteristics of a Marine Propeller in the Presence of Free Stream Turbulence

1100 – MIDN 1/C Kathryn Wesdyk – Toward a Sustainable Approach to Water Service Delivery in a Rural Context

Break

1300 – MIDN 1/C Nicholas Vu – The Effects of Nanostructuring on the Thermal Transport of Electronic Materials

1330 – MIDN 1/C Stefano Pineda – Numerical Simulation of Laser-Induced Drop Evaporation

1400 – MIDN 1/C Samuel Baker – Solving the Inverse Problem Using Combination Random Graph Models

1430 – MIDN 1/C Davis Katakura – China’s Export Effects: A Product-Level Analysis of Global Supply Chains, Comparative Advantage, and Crowding-Out

1500 – MIDN 1/C Dean Rye – Many-Body Systems of Coupled Dissipative Jaynes-Cummings Cavities