

Session Name	Category	Session Start	End	Location
A Finite Element Solver for Elliptic and Parabolic PDEs	M&S	4/29/2026 11:15	11:40	CH175
A Machine Learning Approach to Inferring the Transmission Rate in SEIR Models	M&S	4/29/2026 10:40	11:10	CH175
A Mathematical Foundation for Cardiovascular Pressure Volume Loops	M&S	4/29/2026 11:15	11:40	CH190
A Predictive Modeling Approach to Midshipman Attrition	M&S	4/29/2026 10:40	11:05	CH155
Accelerometry and Individualized Dietary Insights and Nutrition for Precision Health and Army Readiness	M&S	4/29/2026 10:40	11:05	CH180
An Analysis and Characterization of Flow Basins and Other Current Regimes	M&S	4/29/2026 9:30	9:45	CH239
Analysis of Methods for Determining the Quantification of Antioxidants in Tea	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Analysis of Planetary Boundary Layer Heights from Radiosondes and the Rapid Refresh Model in the DC Metro Region	M&S	4/29/2026 8:55	9:20	MI090
Anne Arundel Tennis Scheduling	M&S	4/29/2026 11:15	11:40	CH160
Aperiodicity for Abelian C*-Inclusions	M&S	4/29/2026 8:20	8:45	CH190
Arctic Area of Responsibility Operational Demand	M&S	4/29/2026 9:30	9:55	CH180
Assessing Extreme Atmospheric Blocking Impact, Surface Energy Balance, and Runoff Over Northwest Greenland	M&S	4/29/2026 9:30	9:55	MI090
Assignment of Naval Vessels to Theatre using Integer Programming	M&S	4/29/2026 8:55	9:20	CH155
Atmospheric Impacts and Predictability on the Performance of ICESat-2 ATL24 Coastal and Nearshore Bathymetry	M&S	4/29/2026 10:05	10:30	MI090
Aviator Production Signal Demand	M&S	4/29/2026 7:45	8:10	CH175
Biobjective Optimization for Navy's Tomahawk Missile Supply	M&S	4/29/2026 9:30	9:55	CH110
Conjugate Gradient Minimization of the Coupled Quasi-2D Gross-Pitaevskii Equations for the Ground State of a Two-Component Dipolar Bose-Einstein Condensate	M&S	4/29/2026 7:45	8:10	CH190
Decision Support for Transportation Movement Requests Using Optimization and Open-Source Network Data	M&S	4/29/2026 11:15	11:40	CH180
Defending an Airfield from Swarming Drones Using Discrete Event Simulation	M&S	4/29/2026 7:45	8:10	CH132
Degradation of Sarin Nerve Agent Mimic via Metal-Organic Framework Complexes	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Deployed Manufacturing – Advancing the Manufacturing Advantage	M&S	4/29/2026 7:45	8:10	CH180
Detecting Intelligent Targets in Anti-Submarine Warfare using Simulation Optimization	M&S	4/29/2026 8:20	8:45	CH155
Determining Optimal Strategies for the Two Team Search and Rescue Problem with Secrecy and Deception	M&S	4/29/2026 10:05	10:30	CH155
Discrete-Event Simulation to Improve Efficiency of I-Day Logistics	M&S	4/29/2026 10:40	11:05	CH155
East Coast Drydocking Capacities for East Coast Shipyards	M&S	4/29/2026 10:05	10:30	CH110
Effects of Mineral Surfaces on Oxygen Desorption Activation Energy by Vibrational Spectroscopy	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Encrypting and Decrypting Analog Video Using a Chaotic Scrambler and Machine Learning	M&S	4/29/2026 8:20	8:45	CH175
Enhancing Optimization Models for Detecting Targets in Undersea Warfare	M&S	4/29/2026 9:30	9:55	CH155

Evaluating Resupply Methods of Expeditionary Advanced Bases Using a Simulation-Based Logistics Model	M&S	4/29/2026 8:55	9:20	CH132
Exploring the Boundary of Inhomogeneous-Symmetric Site Percolation - and Remaining UnPhased	M&S	4/29/2026 8:20	8:45	CH180
Exploring the Effects of Biodiesel on O-ring Properties	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Exploring the Influence of Leadership in United States Naval Academy Units through Social Network Analysis	M&S	4/29/2026 8:20	8:45	CH160
Exploring the relationships between initial and maintained interest and plebe chemistry course performance	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Fatality Management Transition to Large Scale Combat Operations	M&S	4/29/2026 8:20	8:45	CH132
Field Studies on Salinity Induced Flocculation of Organic Matter in a Micro-Tidal Estuary	M&S	4/29/2026 10:40	11:05	MI090
From Pixels to Pings: An AIS-Computer Vision Fusion Pipeline for Maritime Domain Awareness	M&S	4/29/2026 10:05	10:30	CH180
Game-Theoretic Analysis of China's Joint Sword 2024A Exercises against Taiwan	M&S	4/29/2026 8:55	9:20	CH180
Geoparsing With Natural Language Processing	M&S	4/29/2026 8:55	9:20	CH190
Ground-Based Optical Observation of the MOLA and OTTER CubeSats in Orbit	M&S	4/29/2026 9:45	10:00	CH239
Impacts of Hail on Polarimetric Radar Signatures of Size Sorting in an Idealized Toy Model	M&S	4/29/2026 8:20	8:45	MI090
Improving the Scheduling of USNA Summer Trainings to Optimize MIDN Happiness	M&S	4/29/2026 7:45	8:10	CH155
Individual Load Monitoring for Injury Risk in Football Players	M&S	4/29/2026 10:05	10:30	CH155
Interannual variation of Heat Content within the Beaufort Gyre derived from ONR SIZRS Collections	M&S	4/29/2026 9:30	9:55	MI090
Investigating the role of self-efficacy and effort beliefs in student achievement in plebe chemistry	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Strategy Driven Replenishment Analysis Toolkit for LEO Constellations (Strat-LEO)	M&S	4/29/2026 9:30	9:55	CH175
Periodic and Intrinsic Polarization of WR134	M&S	4/29/2026 10:30	10:45	CH239
Optimizing Team Selection Using Genetic Algorithms	M&S	4/29/2026 8:55	9:20	CH175
Statistical Analysis of Career Impact of Operations Analysis Billets	M&S	4/29/2026 10:40	11:05	CH110
Oceanographic Factors Contributing to Coastal Erosion Near Northwest Alaskan Villages	M&S	4/29/2026 10:05	10:30	MI090
U.S. National Parks : A Road Trip Optimization Model	M&S	4/29/2026 10:05	10:30	CH160
Simulating Fuel Distribution in the Pacific	M&S	4/29/2026 7:45	8:10	CH155
Optimizing A Future MH-60R Service Life Extension Program	M&S	4/29/2026 10:05	10:30	CH132
Optimized Vacation Research List	M&S	4/29/2026 8:55	9:20	CH160
Prestige Sports Betting: Predictive Modeling Using Operations Research Methods	M&S	4/29/2026 9:30	9:55	CH160
Operational Support Airlift (OSA) Fleet Scheduling and Validation	M&S	4/29/2026 10:05	10:30	CH190
The Influence of the Intraseasonal Variability of Mean Sea Level Pressure (MSLP) and Wind on Anomalously High or Low Detrended Water Levels in Annapolis, MD	M&S	4/29/2026 8:55	9:20	MI090
Synthesis and Characterization of High Energy Copolymers	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Seeing Letters Clearly: A Comparative Study of Neural Network Architecture for Character Recognition	M&S	4/29/2026 9:30	9:55	CH155
Staging of Tactical Search Assets in Undersea Warfare	M&S	4/29/2026 8:55	9:20	CH155

Modeling Disruptions in Air Refueling Routing and Scheduling	M&S	4/29/2026 10:40	11:05	CH190
Resonance Jet Composition in Proton-Proton Collisions at RHIC	M&S	4/29/2026 10:15	10:30	CH239
Laboratory Studies on Salinity Induced Flocculation of Organic Matter in Estuaries	M&S	4/29/2026 10:40	11:05	MI090
Where Partition Theory Meets Common Proof Techniques	M&S	4/29/2026 7:45	8:10	CH175
Uncovering Geosynchronous Satellite Patterns of Life via Multi-Sensor Clustering	M&S	4/29/2026 9:30	9:55	CH190
Team Science and Argument-Driven Inquiry in Plebe Chemistry Laboratory	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Optimization of a Coarse-Grained Model for RNA Based on Parameters for DNA	M&S	4/29/2026 8:45	9:35	MI 0-Deck
Watchbill Optimization	M&S	4/29/2026 11:15	11:40	CH110
Materials for high power applications: studies of defects in GaN Schottky diodes	M&S	4/29/2026 10:45	11:00	CH239
Quantum Interactions of Trapped Ion and Neutral Atomic Gas at Ultracold Temperatures	M&S	4/29/2026 10:00	10:15	CH239
Optimizing Navy Recruiter Assignment in Los Angeles	M&S	4/29/2026 8:20	8:45	CH110
Simulation of Distributed Autonomous Systems in Island Defense	M&S	4/29/2026 11:15	11:40	CH155
Long-Term Modeling of Speed of Sound Profiles in the South China Sea	M&S	4/29/2026 11:15	11:40	MI090
Progress Toward Development of Microwave-Assisted Copper-Catalyzed Concurrent Tandem Catalytic Strategies for the Synthesis of Biaryl Ethers	M&S	4/29/2026 8:45	9:35	MI 0-Deck
The Mobile Antineutrino Demonstrator	M&S	4/29/2026 11:00	11:15	CH239
Using LoRA to Fine Tune a LLM for the MCRC	M&S	4/29/2026 9:30	9:55	CH132
NFL Stadium Tour using Nested TSP	M&S	4/29/2026 8:20	8:45	CH155
Swelling and Tensile Properties of O-Rings Exposed to a Synthetic Paraffinic Diesel Fuel Surrogate, F-76, and Organic Solvents	M&S	4/29/2026 8:45	9:35	MI 0-Deck