

## THE 2024-2025 DR. F. RONALD AND HELEN E. BRITTON LECTURES

**Dr. Henry Schenck**

R.K. Brown Chair in Mathematics,  
Auburn University

**January 14 – January 17, 2025**



### **Algebraic Geometry in Unexpected Places: Applications and Computations**

#### **From Linear Programming to the Lefschetz Theorem**

*Date: Tuesday, January 14 | Time: 3:30pm - 4:30pm*  
Location: PGCLL, Room M12

#### **From Numerical Analysis to Vector Bundles on Projective Spaces**

*Date: Wednesday, January 15 | Time: 3:30pm - 4:30pm*  
Location: Burke Science Building, Room B155

#### **Dynamical Systems: Synchronizing Fireflies Meet the Segre Variety**

*Date: Thursday, January 16 | Time: 3:30pm - 4:30pm*  
Location: Hamilton Hall, Room 217

#### **Symmetry, Physics...and Algebra?: from Calabi-Yau Manifolds to Gorenstein Rings**

*Date: Friday, January 17 | Time: 3:30pm - 4:30pm*  
Location: Hamilton Hall, Room 305