Space Physics
@ Daytona Beach
ERAU
Space Weather

- Energetic Electrons
- Solar Flare Protons

Damage to Spacecraft Electronics

Ionospheric Currents

Geomagnetically Induced Current in Power Systems

GPS Signal Scintillation

Radiation Effects on Avionics

Induced Effects in Submarine Cables

Telluric Currents in Pipelines
Faculty

- Solar Wind, Magnetopause, Space Plasma
  **Dr. Nykyri**

- Magnetosphere, Radiation Belts, MI Coupling
  **Dr. Streltsov**

- Ionosphere, Plasma Structures, Ion Outflow
  **Dr. Deshpande, Dr. Zettergren**

- Upper Atmosphere, Gravity Waves, LIDAR
  **Dr. Hickey, Dr. Liu, Dr. Snively**