

SPACE SYSTEMS AND SPACE WEATHER

- Space mission design and implementation
- Spacecraft platforms, sensors, orbits
- Spacecraft launch, propulsion, power
- Spacecraft attitude control
- Space instrumentation
- Data acquisition and on-board processing
- Spacecraft communication and operations
- Satellite Earth observation
- Solar sources of space weather
- Interplanetary space, interplanetary magnetic field, solar energetic particles
- Solar-terrestrial coupling and effects
- Energetic particles in geospace
- Technological effects of electromagnetic and space particle radiation
- Biological effects of electromagnetic and space particle radiation
- Space debris and Near Earth Objects (NEO)
- Space Situational Awareness