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Space Traffic Management & Integration

For questions, email:
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Vehicle traffic going into space, Earth orbit, and beyond has grown significantly in the last decade. The diversity of today's space traffic has increased dramatically over the last 50 years and now includes a variety of companies and nations with different goals, motives, and business/operating models. As growth continues, there is an increasing need to ensure access to space and safe operations from initial launch of the vehicle through mission completion. The Space Traffic Management and Integration (STMI) topic seeks to provide a collaborative forum to advance STMI issues related to technologies, operations, regulations, and standards development for commercial, governmental (civil and military), or educational applications. Papers by students are encouraged.

Topics of interest include, but are not limited to:

- Astrodynamics
- Autonomous Systems
- Catalog and Data Management
- Cost and Liability Issues
- Integration of Large Constellations
- International Coordination
- Multi-Source Information Fusion
- Launch and Re-entry Routine Airspace Integration
- Legal and Policy Frameworks
- On-orbit Rules of the Road
- Orbital Debris Management/Mitigation
- Point-to-Point Operations
- Re-entry and Return
- Rendezvous and Proximity Operations
- SSA Technologies and Data Management
- Standards Development
- Uncertainty Quantification and Representation