

## Preliminary Schedule

08:45-09:00	Welcome by the Organizers	
09:00-09:30	Verified Explanations of Neural Networks by <i>Caterina Urban</i>	Session 1
09:30-09:50	Formal Verification for Machine Learning-Based Telemetry Anomaly Detection by <i>Krzysztof Kotowski et al.</i>	
09:50-10:10	Locally Pareto-Optimal Interpretations for Black-Box Machine Learning Models by <i>Aniruddha Joshi et al.</i>	
10:10-10:30	Certifying Guidance & Control Networks: Uncertainty Propagation to an Event Manifold by <i>Sebastien Origer et al.</i>	
10:30-11:00	Coffee Break	
11:00-11:30	From Requirements to the Verification of Stochastic Systems by <i>Gricel Vázquez</i>	Session 2
11:30-11:50	Formalization of a Language for Autonomous Spacecraft Operations by <i>Lauren White et al.</i>	
11:50-12:10	Robust Observation Planning via Facet Reasoning by <i>Jennifer Santos et al.</i>	
12:10-12:30	Cislunar Space Situational Awareness Constellation Design and Planning with Facility Location Problem by <i>Yuri Shimane, Kento Tomita, and Koki Ho</i>	
12:30-14:00	Lunch Break	
14:00-14:30	Global Trajectory Optimization Competition (GTOC): The Case of GTOC12 by <i>Zhong Zhang</i>	Session 3
14:30-14:50	A Mixed-Integer Optimization Toolbox for Space Logistics and Mission Planning by <i>Masafumi Isaji and Koki Ho</i>	
14:50-15:10	Towards a Continuous-Time Keplerian Travelling Salesman Problem via Dynamic Programming by <i>Nicholas Gollins and Adam Abdin</i>	
15:10-15:30	Towards Multi-Objective Target Selection for Exoplanet Spectroscopy by <i>Kai Yip, Luís Simões, and Nikki Grens</i>	
15:30-16:00	Coffee Break	
16:00-16:30	Supply Chain Attacks: If the Weakest Link Breaks the Chain by <i>Sebastian Berndt</i>	Session 4
16:30-17:00	Bridging Optimization and Onboard Decision-Making: Automated Reasoning in Space Systems and Logistics by <i>Chit Hong Yam</i>	
17:00-17:15	Event Closure	