

Hybrid Rockets

Call for Papers: Additional Details

Special Sessions

Sponsored by the Hybrid Rockets Technical Committee

Green Propulsion Systems: Design and Applications

The Hybrid Rocket Technical Committee seeks papers related to the *Design and Application* of "Green" Propulsion Systems. Papers are sought for all types of green propulsion systems including ionic-liquid propellants, alternative low-toxicity mono- and bi- systems, and hybrid rocket systems using green propellants. Papers considering both In-Space and Launch Vehicle "Green" Propulsion will be considered.

Topics of interest include, but are not limited to:

- Green and Non-Toxic Propellant Studies, Development, Applications, and Associated Technologies
- New and Innovative Green Propellants
- Systems Sizing Studies Comparing Multiple Green-Propulsion Options
- Overview Papers Presenting the "State of the Art" for Green Propulsion Options, including Hazard and Environmental Risk Assessments
- Modeling and Simulation of Green Propulsion Combustion, Systems, Components, and Processes
- Novel Manufacturing Technologies and Advanced Materials for Application to Green Propulsion Systems
- Recent Results of Ground and Flight Test Experiments for Green Propellants
- Test Facilities and Advanced Diagnostic Techniques Relevant to Green Propulsion

Session Contact: [Stephen Whitmore](#), Utah State University