



2023 NASA SBIR Ignite Phase I Awardees

Announced December 20, 2023

Listed by small business name, location, and proposal title.

- **Astral Forge, LLC**, Palo Alto, California: Development of a High-temperature (>1200 C) Crystal Growth Furnace toward Semiconductor In-Space Production Applications in LEO for Terrestrial Use
- **Astrobotic Technology Inc.**, Pittsburgh: Photon Counting Sensor for In-space Debris Detection
- **Benchmark Space Systems**, Burlington, Vermont: Resilient Independent Propulsive Controlled On-orbit Recovery Device (RIPCORDER)
- **Brayton Energy, LLC**, Hampton, New Hampshire: High Efficiency Solid Oxide Fuel Cell / Turbogenerator Hybrid Electric Propulsion System
- **Channel-Logistics LLC dba Space-Eyes**, Miami: Fire Watch: Prediction and Detection of Wildfires Through Advanced AI/ML
- **GeoVisual Analytics**, Westminster, Colorado: Decision Support for Water Management in the Agriculture Sector
- **Lunar Resources, Inc.**, Houston: Silicon and Iron Regolith Extraction on the Moon (SIRE)
- **Space Lab Technologies, LLC**, Boulder, Colorado: EcoMine – Bioregenerative Mineral Mining from Lunar Regolith
- **Space Tango**, Lexington, Kentucky: TangoBox: Next Generation Infrastructure for In-Space Production on Commercial Space Stations
- **VerdeGo Aero**, De Leon Springs, Florida: VerdeGo Aero VH-3 Hybrid Electric Powerplant