Closed Topic Search

Enter terms
Search

Reset Sort By: Open Date (descending)

- Relevancy (descending)
- Title (ascending)
- Open Date (ascending)
- Close Date (descending)
- Release Date (descending)

NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

Displaying 1 - 10 of 244 results

1. T1: Launch Propulsion Systems

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Includes all propulsion technologies required to deliver space missions from the surface of the Earth to Earth orbit or Earth escape, including solid rocket propulsion systems, liquid rocket propulsion systems, air breathing propulsion systems, ancillary propulsion systems, and unconventional/other propulsion systems. The Earth to orbit launch industry is currently reliant on very mature technolog ...

STTR National Aeronautics and Space Administration

2. T1.01: Launch Vehicle Propulsion Technologies

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: MSFC Participating Center(s): SSC OCT Technology Area: TA01 Heavy lift launch vehicles envisioned for exploration beyond low Earth orbit (LEO) will require large first stage propulsion systems. For some heavy lift vehicles, the total thrust produced at lift-off will exceed 6 million pounds. There are currently available practical propulsion options for such a vehicle. However, the co ...

STTR National Aeronautics and Space Administration

3. T2: In-Space Propulsion Technologies

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Includes all propulsion technologies required to deliver space missions from the surface of the Earth to Earth orbit or Earth escape, including solid rocket propulsion systems, liquid rocket propulsion systems, air breathing propulsion systems, ancillary propulsion systems, and unconventional/other propulsion systems. The Earth to orbit launch industry is currently reliant on very mature technolog ...

STTR National Aeronautics and Space Administration

4. T2.01 : Space Power and Propulsion

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: GRC Participating Center(s): KSC OCT Technology Area: TA02 Development of innovative technologies are sought that will result in durable, long-life, lightweight, high performance space power and in-space propulsion systems to substantially enhance or enable future missions. Innovations in the form of advanced concepts, technology demonstrations and processes are sought for Space Pow ...

STTR National Aeronautics and Space Administration

5. T3: Space Power and Energy Storage

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Space Power and Energy Storage is divided into four technology areas: power generation, energy storage, power management and distribution, and cross cutting technologies. NASA has many unique needs for space power and energy storage technologies that require special technology solutions due to extreme environmental conditions. These missions would all benefit from advanced technologies that provid ...

STTR National Aeronautics and Space Administration

6. T3.01 : Energy Harvesting Technology Development

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: SSC Participating Center(s): JSC, KSC, GRC OCT Technology Area: TA03 The NRC has identified a NASA Top Technical Challenge as the need to “Increase Available Power”. Additionally, a NASA Grand Challenge is “Affordable and Abundant Power” for NASA mission activities. As such, novel energy harvesting technologies are critical toward supporting future power generation systems to ...

STTR National Aeronautics and Space Administration

7. T4: Robotics, Tele-Robotics and Autonomous Systems

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

The topic for Robotics, Tele-Robotics and Autonomous Systems, consists of seven technology subareas: Sensing and Perception; Mobility; Manipulation; Human-Systems Integration; Autonomy; Autonomous Rendezvous and Docking (AR&D); and Robotics, Tele-Robotics and Autonomous Systems Engineering. Robotics, Tele-Robotics and Autonomous Systems supports NASA space missions with the development of new capa ...

STTR National Aeronautics and Space Administration

8. T4.01 : Information Technologies for Intelligent and Adaptive Space Robotics

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: ARC OCT Technology Area: TA04 The objective of this subtopic is to develop information technologies that enable robots to better support space exploration. Robots are already at work in all of NASA's Mission Directorates and will be critical to the success of future exploration missions. The NASA "Robotics, Tele-Robotics, and Autonomous Systems" roadmap (TA04) indicates that extensiv ...

STTR National Aeronautics and Space Administration

9. T4.02 : Dynamic Servoelastic (DSE) Network Control, Modeling, and Optimization

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: DFRC Participating Center(s): ARC, JPL, LaRC OCT Technology Area: TA04 This subtopic addresses advanced control-oriented techniques for dynamic servoelastic (DSE) terrestrial, planetary, and space environment flight systems using distributed network sensor and control systems. Methods include modeling, simulation, optimization and stabilization of DSE systems to actively and/or adapt ...

STTR National Aeronautics and Space Administration

10. T4.03 : Extreme Particle Flow Physics Simulation Capability

Release Date: 09-17-2012Open Date: 09-17-2012Due Date: 11-29-2012Close Date: 11-29-2012

Lead Center: KSC OCT Technology Area: TA04 Advanced computer modeling software is sought to provide the ability to predict the flow of granular materials in space and/or planetary environments. Proposals are sought for software capable of handling one of more of the following applications in one or more relevant environments for space exploration: • Rovers driving on planetary regolith. • Ro ...

STTR National Aeronautics and Space Administration

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- ...
- Next
- Last

jQuery(document).ready(function() { (function ($) { $('#edit-keys').attr("placeholder", 'Search Keywords'); $('span.ext').hide(); })(jQuery); });