

*The National Academies of*  
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DIVISION ON ENGINEERING AND PHYSICAL SCIENCES  
AERONAUTICS AND SPACE ENGINEERING BOARD

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**SPACE TECHNOLOGY INDUSTRY-GOVERNMENT-UNIVERSITY ROUNDTABLE**

**National Academy of Sciences Building, Room 120  
2101 Constitution Ave NW, Washington, D.C.  
(enter at southwest corner of C Street and 21st St, NW)**

**AGENDA**

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**Tuesday, March 1, 2016**

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- 7:30am **Room opens** (breakfast available in meeting room)
- 8:30am **Meeting convenes**  
Introductory Remarks  
Ray Johnson, Chair  
Steve Jurczyk, Associate Administrator, NASA STMD
- 9:00am **Space 2.0**—Introduction by Ray Johnson, Chair
- Development of advanced technologies that go beyond advances in “traditional” space technologies, largely focused on more affordable solutions to space missions.
- Opening Remarks
- 9:30am Miles Palmer, Co-Founder, 8 Rivers Capital  
THOR concept for ground-based launch
  - 10:00am Brad Schneider, Rocket Lab  
Affordable And High-Frequency Rocket Launches
  - 10:30am Antoine de Chassy, Senior Vice President, Spire Global  
Global Weather and Ship Tracking Data
- 11:00 Break
- 11:15am **Space 2.0 (continued)**  
Q&A with speakers and general discussion
- Noon Lunch
- 1:00pm **NASA Budget**  
Steve Jurczyk, STMD
- Update on FY 2016 budget, including STMD’s “tipping point and partnerships”
  - FY 2017 Budget Request (plans for 2017 and outyears)
- 2:00pm **Interagency Collaboration**

## *Space Technology Industry-Government-University Roundtable*

- Prasun Desai, Director for Strategic Integration and Analysis, STMD
- Collaborative projects by NASA and other government agencies (current and future)
  - Roundtable feedback on opportunities for new collaborations
- 2:45pm Break
- 3:00pm **Integrated NASA Strategy for Enabling Humans on Mars**  
Jeff Sheehy, Senior Technical Officer, STMD  
Jim Reuter, Deputy Associate Administrator for Programs, STMD
- Joint efforts by HEOMD, SMD, STMD, and OCT to develop a Mars Technology Investment Plan
- 4:00pm General discussion and plans for future meetings (1 hour)  
Ray Johnson, Chair
- 5:00pm Adjourn

### **Space Technology Industry-Government-University Roundtable STATEMENT OF TASK**

The NRC Space Technology-Industry-Government-University Roundtable will convene senior-most representatives from industry, universities, NASA, and other government agencies to define and explore critical issues related to NASA's space technology research agenda that are of shared interest; to frame systems-level research issues; and to explore options for public-private partnerships. This forum will be designed to facilitate candid dialogue among participants, to foster greater partnership among the NASA-related space technology community, and, where appropriate, carry awareness of consequences to the wider public.