

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 125
2101 Constitution Ave NW, Washington, D.C.
(enter at southwest corner of C Street and 21st St, NW)**

AGENDA

Thursday, July 21, 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 | Department of Energy Discussion —Introduction by Ray Johnson, Chair <ul style="list-style-type: none">• <i>What opportunities exist for new, coordinated research and technology by NASA and the DOE: What space technology challenges relevant to DOE could be addressed by STMD research and technology development, and what research by DOE may address NASA's needs for space technology?</i> Opening Remarks <ul style="list-style-type: none">• Alice Caponiti, Director for Space and Defense Power Systems, DOE (20 min.)• Lou Qualls, Distinguished Researcher, Oak Ridge National Laboratory (20 min.) Q&A and general discussion |
| 10:15 | Break |
| 10:30am | NASA In-Space Propulsion and Energy Research and Technology Development
Jeff Sheehy, STMD Chief Engineer |
| 11:30am | Lunch |
| 12:30pm | Intelligence Community Discussion <ul style="list-style-type: none">• <i>What opportunities exist for new, coordinated research and technology by NASA and U.S. intelligence agencies: What space technology challenges relevant to the Intel community could be addressed by STMD research and technology development, and what research by the Intel community may address NASA's needs for space technology (given limitations on disclosure of classified capabilities)?</i> Opening Remarks |

Space Technology Industry-Government-University Roundtable

- Steve Berner, Senior Engineer, RAND National Security Research Division (30 min.)
- Bhavya Lal, Research Staff Member, IDA Science and Technology Policy Institute (30 min.)

Q&A and general discussion

2:30pm **STMD Commercial Partnership Portfolio**
LK Kubendran, STMD Program Executive for Commercial Partnership Portfolio

3:15pm **Break**

3:30pm **Presidential Transition**
• *What issues should STMD address as it prepares for the presidential transition?*

Opening Remarks

- Ray Johnson and Steve Jurczyk
- Scott Pace, George Washington University

General discussion

5:15pm **Plans for future meetings**
Ray Johnson

5:30pm 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.