

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
AERONAUTICS AND SPACE ENGINEERING BOARD

Draft as of September 22, 2015

SPACE TECHNOLOGY INDUSTRY-GOVERNMENT-UNIVERSITY ROUNDTABLE

**Keck Center of the National Academies
Room 100
500 Fifth St. N.W.
Washington, D.C.**
(parking garage entrance on 6th St. NW between E St. and F St. NW)
(directions for travel via Metro at http://www.nas.edu/about/contact/na_069685.html)

AGENDA

Thursday, September 24, 2015

- 7:30am **Room opens** (breakfast available in meeting room)
- 8:15am Meeting convenes
Introductory Remarks
Ray Johnson, Chair
Steve Jurczyk, Associate Administrator, NASA STMD
- 8:45am STMD Space Technology Research Grants
• Claudia Meyer, Program Executive
- 9:30am Break
- 9:40 am Academic Panel:
What processes and programs have worked well in academia's interactions with STMD, other NASA directorates, and/or other federal R&D organizations? What has not worked well? How could interactions with STMD be improved?
- Format: Prepared remarks (20 minutes each) and general discussion (50 minutes)*
- Hampton University
Eric Sheppard, Dean, School of Engineering and Technology
 - Purdue University
Tom I-P. Shih, Head of the School of Aeronautics and Astronautics
 - Rice University
Edwin L. "Ned" Thomas, William and Stephanie Sick Dean of the George R. Brown School of Engineering

Space Technology Industry-Government-University Roundtable

- Massachusetts Institute of Technology
Laurence R. Young, Apollo Program Professor of Astronautics, Professor of Health Sciences and Technology, and Chair of the NASA Institute for Advanced Concepts (NIAC) External Council
- University of Maryland
Darryll J. Pines, Farvardin Professor and Dean, A. James Clark School of Engineering

12:10 pm Lunch

1:00 pm Laboratory and Research Center Panel
What research and technology development challenges could STMD address to support the priorities of laboratories and research centers in space as they relate to support for NASA projects and/or other organizations?

Format: Prepared remarks (20 minutes each) and general discussion (60 minutes)

- Aerospace Corp
William Krenz, Vice President & CIO
- JHU Applied Physics Laboratory
Paul Ostdiek, Space Exploration Technology Manager
- Southwest Research Institute
Jim Burch, Vice President, Space Science and Engineering Division

3:00 pm Break

3:15pm STMD Optical Communications Strategy and Programs

- Jeff Sheehy, STMD Senior Technical Officer

4:15pm Final remarks by members and participants
Plans for the next meeting

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.