

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
AERONAUTICS AND SPACE ENGINEERING BOARD

SPACE TECHNOLOGY INDUSTRY-GOVERNMENT-UNIVERSITY ROUNDTABLE

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

AGENDA

Thursday, October 5, 2017

- 7:30am **Room opens** (breakfast available in meeting room)
- 8:30am **Meeting convenes**
Introductions of STIGUR members and Discussion of Purpose
- Steve Jurczyk, Space Technology Mission Directorate (STMD) Associate Administrator
 - Wanda Sigur, STIGUR Chair
- 9:00am **Space Technology Mission Directorate Programs (STMD) Strategic Framework Presentation and Discussion**
- Jim Reuter, Deputy AA, STMD
 - Patrick Murphy, Director for Strategic Planning and Integration, STMD
- Key Questions for Roundtable:**
- Has STMD captured the critical external drivers for their strategy?
 - Are the Strategic Thrusts appropriate for STMD's role for the Agency? Should there be any additions or changes?
 - Are the outcomes identified in the Strategic Framework clear and aligned with STMD's role? Can these outcomes be enabled through STMD technology investments?
 - How should STMD more effectively engage external partners and customers to achieve the outcomes? Are there additional opportunities for collaboration with industry or other organizations?
 - Is STMD's strategic framework aligned with NASA goals and objectives? Will this framework enable STMD to more effectively prioritize its investments and effectively communicate these priorities to stakeholders?
- 10:00am **Break**
- 10:15am **Previous Discussion Continues**
- 11:30am **Lunch**

Space Technology Industry-Government-University Roundtable

- 12:15pm **Overview of Space Technology Mission Directorate Programs**
(with emphasis on Game Changing Development and future Technology Demonstration Missions) -
- Therese Griebel, Deputy AA for Programs, STMD
 - LaNetra Tate, GCD Program Executive
 - Kira Blackwell, iTech Program Executive
- Key Questions for Roundtable:**
- How well is the STMD program content aligned with the Strategic Framework? What additional technology investment areas should STMD consider over the next 5 years?
 - Is the Game Changing Development (GCD) program investing in the right types of space technologies?
 - Are planned investments in Technology Demonstration Missions (TDM) aligned with future Agency missions?
- 2:15pm **Break**
- 2:30pm **NASA Small Spacecraft Technologies Program (SSTP) Overview and Update**
- Chris Baker, SST Program Executive
- Key Questions for Roundtable:**
- Is the SST program evolving appropriately in response to the rapidly changing small spacecraft industry?
 - Is the SST program focusing on the right priority areas for technology development and demonstrations investments?
- 3:30pm **Next STMD Tipping Point Solicitation Topic Areas**
- Steve Jurczyk, STMD AA
- Key Questions for Roundtable:**
- Feedback and ideas on new technical topic areas.
- 4:30pm **Wrap-up, including discussion of topics for next meeting**
- 5:00pm **Adjourn**

Space Technology Industry-Government-University Roundtable STATEMENT OF TASK

The Space Technology-Industry-Government-University Roundtable of the National Academies of Sciences, Engineering, and Medicine convenes 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 is designed to facilitate candid dialogue among attendees to foster greater partnership among the NASA-related space technology community, and, where appropriate, carry awareness of consequences to the wider public.