

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

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| 7:30am | Room opens (breakfast available in meeting room) |
| 8:30am | Meeting convenes
Introductions of STIGUR members and Discussion of Purpose <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Jim Reuter, Deputy AA, STMD• Patrick Murphy, Director for Strategic Planning and Integration, STMD Key Questions for Roundtable: <ul style="list-style-type: none">• 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 |

- 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.