



## **Agenda**

**NAC Technology, Innovation, and Engineering Committee Meeting  
July 27-28, 2015  
NASA Jet Propulsion Laboratory  
Bldg 180 Room 101  
Dial-in number: 1-844-467-6272 Pin Code: 102421**

### **July 27, 2015 – FACA Open Meeting**

- 12:00 p.m. Welcome and Overview of Agenda/Logistics (FACA Session – public meeting)  
Mike Green, Executive Secretary
- 12:05 p.m. Opening Remarks and Thoughts  
Dr. William Ballhaus, Chair
- 12:10 p.m. Space Technology Mission Directorate Status and Update  
Mr. Stephen Jurczyk, Associate Administrator, STMD
- 12:55 p.m. Adjourn meeting to move to joint session with HEO Committee  
Move to Bldg. 186.
- 1:00 p.m. Call joint HEO and TI&E session to order
- 1:05 p.m. Overview of Space Technology  
Mr. Stephen Jurczyk, Associate Administrator, STMD
- 2:00 p.m. Evolvable Mars Strategy – HEO Tech Development Efforts  
Mr. Jason Crusan, Director, Advance Exploration Systems, HEO
- 3:00 p.m. Break
- 3:15 p.m. Hydrocarbon Engine Overview  
Mr. Bill Hill, Deputy Assoc. Administrator for Exploration Systems Development, HEO  
Mr. Jim Norman, Director, Launch Services, HEO
- 3:45 p.m. NASA Launch Services Overview  
Mr. Jim Norman, Director, Launch Services, HEO
- 4:15 p.m. Joint Committee Discussions and Recommendations
- 5:30 p.m. Adjournment

### **July 28, 2015 – FACA Open Meeting – TI&E Committee**

- 8:00 a.m. Welcome and Overview of Agenda/Logistics (FACA Session – public meeting)  
Mike Green, Executive Secretary
- 8:05 a.m. Opening Remarks and Thoughts  
Dr. William Ballhaus, Chair
- 8:15 a.m. Welcoming Remarks  
Dr. Charles Elachi, Director, JPL

- 8:30 a.m. Update Impacts on Past Budget Reductions on STMD Technologies  
Dr. James Reuther, Deputy Assoc. Administrator for Programs, STMD
- 9:15 a.m. Update on Deep Space Optical Communications Project  
Mr. Thomas Glavich, Project Manager, JPL
- 10:00 a.m. Update on Deep Space Atomic Clock Project  
Mr. Allen Farrington, Project Manager, JPL  
Dr. Todd Ely, Principal Investigator, JPL
- 10:45 a.m. Update on Low Density Supersonic Decelerator Project  
Dr. Mark Adler, Project Manager, JPL  
Dr. Ian Clark, Principal Investigator, JPL
- 11:30 a.m. Chief Technologist Update  
Dr. David Miller, NASA Chief Technologist
- 12:15 p.m. Working Lunch with STMD Space Technology Research Fellows at JPL
- 1:00 p.m. Discussion and Recommendations
- 2:00 p.m. Adjournment for JPL Tour

The WebEx link is <https://nasa.webex.com/>, the meeting number is 999 142 659, and the password is Technology15%.