

**Tuesday, November 14, 2017**  
**NASA AND MISSION STUDY REPORTS**  
**8:00 a.m.**

- 8:00 a.m.    *Registration*
- 8:15 a.m.    Grimm R. \*  
                  *Welcome and Objectives of 15th VEXAG Meeting*
- 8:30 a.m.    Green J. \*  
                  *NASA Planetary Science Division and Responses to Previous VEXAG Findings*
- 9:30 a.m.    Nguyen Q. V. \*    Hunter G. W.  
                  [NASA High Operating Temperature Technology Program Overview](#) [#8046]  
                  NASA's Planetary Science Division has begun the High Operating Temperature Technology (HOTTech) program to address Venus surface technology challenges by investing in new technology development. This presentation reviews this HOTTech program.
- 9:45 a.m.    Gaier J. \*  
                  *NASA PICASSO and MatISSE Instrument-Development Programs*
- 10:00 a.m.    *Coffee Break*
- 10:30 a.m.    Mercer C. \*  
                  *NASA Planetary Science Deep Space Smallsats*
- 10:45 a.m.    Senske D. \*    Zasova L.    Economou T.    Eismont N.    Gerasimov M.    Gorinov D.    Hall J.  
                  Ignatiev N.    Ivanov M.    Lea Jessup K.    Khatuntsev I.    Korablev O.    Kremic T.    Limaye S.  
                  Lomakin I.    Martynov A.    Ocampo A.    Vaisberg O.    Burdanov A.    Teselkin S.    Vorontsov V.  
                  [The Venera-D Mission Concept, Report on the Activities of the Joint Science Definition Team](#) [#8014]  
                  This report will summarize the activities of the Venera-D Joint Science Definition Team. The focus will be on the mission architecture and the outcome of a Venus modeling workshop held in Moscow.
- 11:15 a.m.    Satoh T. \*    Nakamura M.    Ishii N.    Imamura T.  
                  [Akatsuki: Mission Status and Major Scientific Results](#) [#8043]  
                  This talk is to report the current mission status of Akatsuki as well as major scientific results.
- 11:45 a.m.    *Lunch*