

**Wednesday, June 10, 2015**  
**PLANETARY GEOLOGIC MAPPING AND TOPOGRAPHIC MODELING**  
**10:40 a.m. Humphreys**

**Chair: Justin Hagerty**

- 10:40 a.m. Skinner J. A. Jr. \*  
[\*The Challenges of Standardized Planetary Geologic Mapping\*](#) [#7071]  
The process and product of creating standardized geologic maps of planetary bodies has been met with particular challenges. Addressing these challenges helps ensure that benchmark contextual geologic map products remain a reliable community resource.
- 11:10 a.m. Sutton S. \* Heyd R. Fennema A. McEwen A. S. Kirk R. L.  
Howington-Kraus E. Espinoza A.  
[\*HiRISE Digital Terrain Models: Updates and Advances\*](#) [#7056]  
HiRISE DTMs are a valuable data set to the community. New tools and techniques in their creation are being developed and implemented. End users benefit from learning about these developments for DTM generation as well as analysis.
- 11:30 a.m. Della-Giustina D. N. \* Kinney Spano E. K. Chojnacki M. Sutton S.  
[\*Comparison of Digital Terrain Models Derived Using Different Techniques\*](#) [#7069]  
In preparation for the OSIRIS-REx Sample Return Mission we examine newly available computer vision and traditional photogrammetry tools capable of producing digital terrain models (DTMs) from stereo imagery.
- 11:50 a.m. LUNCH