

**Tuesday, June 9, 2015**  
**GEOGRAPHIC INFORMATION SYSTEMS FOR PLANETARY SCIENCE**  
**9:00 a.m. Humphreys**

**Chair: Samuel Lawrence**

9:00 a.m. *Daily Announcements*

9:10 a.m. Hare T. M. \* Skinner J. A. Jr. Fortezzo C. M. Gaddis L. R.  
[\*Planetary GIS at the U.S. Geological Survey Astrogeology Science Center\*](#) [#7005]  
For the past 51 years, the USGS Astrogeology Science Center has been a resource for planetary geoscience, cartography, and remote sensing. In more recent years, we have supported GIS for planetary data integration, geologic mapping and analysis.

9:40 a.m. Frigeri A. \* De Sanctis M. C. Ammannito E. Tosi F. Zambon F. Fonte S. Giardino M.  
[\*The Role of GIS in Geometric Processing of Dawn/VIR Spectrometer Data\*](#) [#7046]  
Herein we present the role of the Geographic Information Systems within the handling and processing of the data from the VIR spectrometer onboard NASA-Dawn mission to Vesta and Ceres.

10:00 a.m. Estes N. M. \* Hanger C. D. Ramiswamy A. Bowman-Cisneros E. Robinson M. S.  
[\*Lunaserv WMS — A Planetary GIS Server\*](#) [#7035]  
Lunaserv, developed by the Lunar Reconnaissance Orbiter Camera SOC, is a planetary capable WMS server. Lunaserv supports many layer types and map data sources, and is open-source for anyone to use.

10:20 a.m. BREAK