

Thursday, March 24, 2016 [R636]
**POSTER SESSION II: PLANETARY SPATIAL INFRASTRUCTURE:
STANDARDS AND METHODS**
6:00 p.m. Town Center Exhibit Area

Hensley S. Smrekar S. Nunes D. Mueller N. Helbert J. et al. *POSTER LOCATION #531*
[VERITAS: Towards the Next Generation of Cartography for the Planet Venus](#) [#1965]

VERITAS, a proposed Discovery mission to Venus uses radar interferometry and near IR spectral imaging to provide a next generation of cartographic products.

Rossi A. P. Hare T. Baumann P. Misev D. Marmo C. et al. *POSTER LOCATION #532*
[Planetary Coordinate Reference Systems for OGC Web Services](#) [#1422]

Planetary GIS requires coordinate reference systems. Efforts towards standardization are needed for OGC Web services. We introduce a possible approach.

Archinal B. A. IAU Wkg Gp Cartogr. Coord./Rotnl. Elements *POSTER LOCATION #533*
[Update on the IAU Working Group on Cartographic Coordinates and Rotational Elements and Its Upcoming 2015 Report](#) [#2963]

We report on the activities of the IAU Working Group on Cartographic Coordinates and Rotational Elements, and our planned "2015" triennial report.

Hayward R. K. Blue J. Gaddis L. Schulz R. Aksnes K. et al. *POSTER LOCATION #534*
[Planetary Nomenclature: An Overview and Update](#) [#1141]

An update for the community on the purpose and rules of planetary nomenclature, the process for submitting name requests, and the IAU approval process.

Hunter M. A. Fortezzo C. M. Hayward R. K. Hare T. M. *POSTER LOCATION #535*
[Feature-Linked Annotation of Lunar and Martian Nomenclature](#) [#1558]

Feature-linked annotation in GIS supports custom placement of nomenclature that automatically updates with changes to the source geodatabase.

Gaddis L. R. Weller L. Edmundson K. Kirk R. Archinal B. et al. *POSTER LOCATION #536*
[Improved Geometric Control of Moon Mineralogy Mapper Data](#) [#1504]

We report on status of the effort to improve the geometric control of the Chandrayaan-1/NASA Moon Mineralogy Mapper data.

Wilson T. J. Edmundson K. L. Becker T. L. Kestay L. *POSTER LOCATION #537*
[What the Camera Doesn't See: Occlusions and Orthorectification](#) [#2830]

A discussion and some solutions to the problem of orthorectifying in the presence of occlusions are presented.

Willner K. Wählich M. Matz K.-D. Gwinner K. Oberst J. *POSTER LOCATION #538*
[Where Have All the Pixels Gone?](#) [#1812]

Converting referenced planetary image data products from data archives into other file formats we discovered that the geo-reference is translated incorrectly.

Marmo C. Hare T. M. Erard S. Cecconi B. Costard F. et al. *POSTER LOCATION #539*
[FITS Format for Planetary Surfaces: Bridging the Gap Between FITS World Coordinate Systems and Geographical Information Systems](#) [#1870]

This abstract describes how the FITS World Coordinate System (WCS) can be translated for the planetary domain to allow FITS to interoperate with GIS applications.