

Tuesday, October 20, 2015
COMMUNITY UPDATES
8:30 a.m. USRA Conference Center

*Providing the lunar community with updates from NASA and LEAG,
as well as other relevant entities and events.*

- Chairs:** Clive Neal
Sam Lawrence
- 8:30 a.m. Neal C. R. *
Welcome and Logistics
- 8:35 a.m. Neal C. R. *
LEAG Update
- 8:50 a.m. Green J. G. *
Planetary Science Division Update
- 9:10 a.m. Gerstenmaier W. *
HEOMD Update
- 9:30 a.m. Crusan J *
Advanced Exploration Systems Update
- 9:50 a.m. Rall J. *
NAC Structure and the Role of the Analysis/Assessment Groups
- 10:05 a.m. Bussey D. B. J. *
ISECG White Paper and White Paper Community Input
- 10:30 a.m. Lee T. S. * Chang B. C. Shin H. Lee J. Lee J.
[*Vision and Plan for Korea Lunar Resource Prospecting*](#) [#2069]
Korea successfully launched its first space rocket in 2013. This achievement has promoted Korea Space Program including Korean Lunar Exploration Program. And now Korea has a vision and plan for Korea Lunar Resource Prospecting.
- 10:45 a.m. Carpenter J. D. * Houdou B. Huffenbach B. Fisackerly R. Landgraf M. De Rosa D.
Schiemann J. Patti B.
[*Exploring the Moon Together: ESA's Plans for Lunar Exploration Through International Cooperation*](#) [#2026]
An update on ESA's current lunar exploration activities and plans for future lunar exploration through international partnerships.
- 11:00 a.m. Landgraf M. * Carpenter J. Sawada H.
[*HERACLES Concept - An International Lunar Exploration Study*](#) [#2039]
HERACLES is an ESA-led architecture study by various agency members of the ISECG to define an end-to-end scenario of human-robotic lunar exploration. The architecture has the objective to prepare human missions and to perform science.
- 11:15 a.m. Abbud-Madrid A. * Gertsch L. S. Boucher D.
[*The Space Resources Roundtable: Past, Present, and Future Activities of an Organization Focused on Space Resources Utilization*](#) [#2076]
This presentation will address the important role that the Space Resources Roundtable (SRR) plays on all issues related to the In-Situ Resource Utilization (ISRU) of lunar, asteroidal, and martian resources.

- 11:30 a.m. Ostrach L. R. * Robbins S. J. Anderson F. S. Barlow N. G. Head J. W.
Plescia J. B. Crater Workshop Participants
[Report on the Workshop on Issues in Crater Studies and the Dating of Planetary Surfaces: Significance to Lunar Investigations](#) [#2042]
The Workshop on Issues in Crater Studies and the Dating of Planetary Surfaces was held 19–22 May 2015 at JHU-APL. Here, we present key findings and recommendations from this Workshop to LEAG and the greater science and crater counting community.
- 11:45 a.m. Clegg-Watkins R. N. * Valencia S. N. Runyon K.
[Bridging the Lunar Generation Gap: NextGen and LEAG](#) [#2017]
The Next Generation Lunar Scientists and Engineers seek to create collaborations with the Lunar Exploration Analysis Group that will help the younger generation prepare to become the leaders in lunar science and exploration.