

Thursday, May 4, 2017
LUNAR MAGMATISM
10:45 a.m. Aula Conference Room

*Topics include discussion of the magmatism of the Moon
and chapter summaries covering this topic.*

Chair: Clive Neal

- 10:45 a.m. Glotch T. D. * Elder C. M. Hayne P. O. Greenhagen B. T. Dhingra D. Kiefer W. S.
[*Overview of Silicic Magmatic Activity on the Moon*](#) [#6052]
We provide an overview of silicic volcanic activity on the Moon, as constrained by Diviner, M3,
and GRAIL.
- 11:00 a.m. Demidova S. I. * Brandstätter F. Ntaflos Th. Kononkova N. N.
[*P-Bearing Olivines in Lunar Rocks: A New View on Lunar Phosphorus*](#) [#6010]
We report about finding of P-bearing olivines in lunar samples of Luna 16, 20, Apollo 14, and in Dhofar
025, 961, 287 lunar meteorites and discuss their implications for lunar petrology and geochemistry.
- 11:15 a.m. Shearer C. K. * Neal C. R. Gaddis L. Jolliff B. L. Head J. Hiesinger H. Bell A. S.
Taylor G. J. Glotch T. D. Simon J. I. Prissel T. C. Magna T.
[*Magmatic Evolution 2: A New View of Post-Differentiation Magmatism*](#) [#6045]
This presentation involves the post-differentiation magmatism for the Moon.
- 11:30 a.m. DISCUSSION