Tuesday, March 22, 2016 **[T338]**
POSTER SESSION I: LUNAR VOLCANISM: NEW PERSPECTIVES ON A DYNAMIC MOON
6:00 p.m. Town Center Exhibit Area

Walcek H. R. Jolliff B. L. Zanetti M. ***POSTER LOCATION #563***
Volumes of Volcanic Constructs at the Compton-Belkovich Volcanic Complex on the Moon **[#2933]**
This abstract explores the volumes of various domes at the Compton-Belkovich Volcanic Complex (CBVC) on the Moon.

Zeng X. G. Zuo W. Li C. L. Zou Y. L. Zhang Z. B. et al. ***POSTER LOCATION #564***
Global Lunar Dome Identification and Analysis Using Chang'e-2 Data **[#1181]**
Global lunar domes are identified with Chang'E-2 data, the method and result might be useful for the lunar vocalism study.

Brown H. B. Robinson M. S. Stopar J. D. Lawrence S. J. ***POSTER LOCATION #565***
Visualizing the Topography of the Marius Hills Complex **[#2993]**
The Marius Hills shield volcano hypothesis is explored through a detailed topographic characterization in relation to the associated free-air gravity anomaly.

Zhao J. Xiao L. Qiao L. ***POSTER LOCATION #566***
The Mons Rümker Volcanic Complex of the Moon: A Candidate Landing Site for Chang'e-5 Mission **[#1758]**
We analyze the topography, mineral and rock type, geomorphologic features, and the evolutionary history of Mons Rümker and proposed two candidate landing sites.

Qiao L. Head J. W. Xiao L. Wilson L. Dufek J. ***POSTER LOCATION #567***
Sosigenes Lunar Irregular Mare Patch (IMP): Morphology, Topography, Sub-Resolution Roughness and Implications for Origin **[#2002]**
We report morphologic, topographic, and subresolution roughness observations of Sosigenes IMP, and then evaluate several previously proposed formation scenarios.

Jozwiak L. M. Head J. W. Wilson L. ***POSTER LOCATION #568***
An Analysis of Eruption Styles in Lunar Floor-Fractured Craters **[#1169]**
We analyze pyroclastic vents and deposits in lunar floor-fractured craters, and explore implications for emplacement timing and style.

Ivanov M. A. van der Bogert C. H. Hiesinger H. Pasckert J.-H. Bauch K. ***POSTER LOCATION #569***
Bracketing the Age of Lunar Pyroclastic Deposits in Oppenheimer Crater **[#1070]**
Pyroclastic deposits on the floor of Oppenheimer crater formed between 3.98 and 3.66 Ga.

Clegg-Watkins R. N. Jolliff B. L. Petro N. E. Lawrence S. J. ***POSTER LOCATION #570***
The Distribution of Mare and Cryptomare in the South Pole-Aitken Basin: New Perspectives from Multiple Datasets **[#2072]**
Diverse datasets / For South Pole-Aitken Basin / But we need samples.

Head J. W. III Wilson L. ***POSTER LOCATION #571***
Mare Basalt Volcanism: Generation, Ascent, Eruption and History of Emplacement of Secondary Crust on the Moon **[#1189]**
Synthesis of the generation, ascent, intrusion and effusive/explosive eruption of lunar mare basalts, and emplacement history.

Yamamoto K. Haruyama J. Ohtake M. Iwata T. Ishihara Y. ***POSTER LOCATION #572***
Relevance of the Volcano Complexes in the Western Oceanus Procellarum, Moon **[#1713]**
GRAIL-derived lunar gravity field is used to investigate the geophysical relevance of the major volcanic complexes in the western Oceanus Procellarum.

Varatharajan I. Crawford I. A. Downes H. ***POSTER LOCATION #573***
Spectral Reflectance Studies of the Mare Basalts on the Feldspathic Highland Terrane of Lunar Farside Using M^3 Datasets of Chandrayaan-1 **[#1930]**
Spectral heterogeneity of the lunar farside mare basalts on the FHT is studied for detailed mineralogy, spatial and temporal assessment of farside volcanism.

Saran S. Das A. Pandey D. ***POSTER LOCATION #574***
Physical Properties of Lunar Volcanic Terrains Using LRO Data **[#2249]**
We utilize multi-wavelength datasets from LRO to investigate the morphology, composition, and structure of some volcanic domes and related depressions.

Hiesinger H. Gebhart J. van der Bogert C. H.
Pasckert J. H. Weinauer J. et al. ***POSTER LOCATION #575***
Stratigraphy of Low Shields and Mare Basalts of the Marius Hills Region, Moon **[#1877]**
We dated 43 low shields and 27 adjacent mare basalts in the Marius Hills region with CSFD measurements and found a wide range of absolute model ages.