

Thursday, March 24, 2016

[R611]

**POSTER SESSION II: COMETS RUNNING AMOK
AROUND THE SOLAR SYSTEM WITHOUT ANY PANTS
6:00 p.m. Town Center Exhibit Area**

Hoang M. Garnier P. Lasue J. Rème H. Altwegg K. et al. **POSTER LOCATION #162**

[*The Heterogeneities of the Coma of 67P: ROSINA RTOF Measurements and Comparison with COPS and DFMS*](#) [#2133]

From the analysis of ROSINA data, we will provide a detailed description of the main volatiles dynamics (H₂O, CO₂, CO) and of the heterogeneities in the coma.

Longobardo A. Palomba E. Capaccioni F. Ciarniello M. Tosi F. et al. **POSTER LOCATION #163**

[*Photometric Behavior of 67P/CG Spectral Parameters as Inferred from Pre-Landing Data*](#) [#2222]

We study the photometric behavior of spectral descriptors characterizing the spectra of 67P/CG, such as reflectance, band depths and centers, and spectral slopes.

Krasilnikov S. S. Basilevsky A. T. Demidov N. E.

Artemieva N. A. Mall U. et al.

POSTER LOCATION #164

[*Crater-Like Features on the Surface of Nucleus of the Comet 67P Churyumov-Gerasimenko*](#) [#2495]

The results of morphological analyses of crater-like features on the surface of comet 67P. Primary modeling conclusions.

DiSanti M. A. Bonev B. P. Gibb E. L.

Paganini L. Villanueva G. L. et al.

POSTER LOCATION #165

[*Measurements of Coma Physics and Ice Composition in Comet D/2012 S1 \(ISON\) to Small Heliocentric Distances as Revealed at Infrared Wavelengths*](#) [#2149]

We report production rates for H₂O and trace molecules (CO, C₂H₆, CH₄, CH₃OH, NH₃, H₂CO, HCN, C₂H₂) in ISON using high-resolution IR spectroscopy at Keck and IRTF.

Hirabayashi T. Steckloff J. Graves K.

POSTER LOCATION #166

[*Hartley 2: Landing Sites of Particles Ejected from the Nucleus*](#) [#2465]

Dust flies, falls, and lands / Dust falling makes smooth terrain / Not for Hartly 2.

Czechowski L.

POSTER LOCATION #167

[*Earthquakes on Comets and Their Consequences*](#) [#2781]

Vibration of comets resulting from impact are considered as mechanism triggering landslides.