

Elements

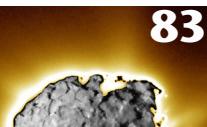
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Comets

Guest Editors: Michael E. Zolensky and Monica M. Grady



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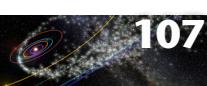
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Comets: Where We Are, How We Got Here, and Where We Want To Go Next

Michael E. Zolensky and Monica M. Grady

Modified image of the Hapi region connecting the two lobes of comet 67P/Churyumov-Gerasimenko, taken on 12 August 2014 by the Rosetta spacecraft OSIRIS imaging system. Area of possible surface water ice has been colored blue. IMAGE CREDIT: ESA/ROSETTA/MPS FOR OSIRIS TEAM MPS/UPD/LAM/IAA/SSO/INTA/UPM/DASP/IDA.

Flyby Missions to Comets and Return Sample Analysis

Donald E. Brownlee, Benton C. Clark III, Michael F. A'Hearn, Jessica M. Sunshine, and Tomomi Nakamura

The Rosetta Mission and the Chemistry of Organic Species in Comet 67P/Churyumov-Gerasimenko

Monica M. Grady, Ian P. Wright, Cécile Engrand, and Sandra Siljeström

Organic Molecules and Volatiles in Comets

Hikaru Yabuta, Scott A. Sandford, and Karen J. Meech

Comets in the Path of Earth

Peter Jenniskens and Olga Popova

The Formation of the Solar System: A Recipe for Worlds

Sara S. Russell

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