

Enceladus and the Icy  
Moons of Saturn

July 26–29, 2016

Boulder, Colorado

## Enceladus and the Icy Moons of Saturn

Boulder, CO

July 26-29, 2015

92 Abstracts submitted

108 registrations

3.5 days packed with delicious Saturn Satellite Science

Main topics included:

- Origins

- Enceladus geology, geophysics, geochemistry

- Enceladus ocean properties

- Plume chemistry and dynamics


- The other Moons: geology, ring and magnetospheric interactions

- Astrobiology of Enceladus: A Debate (organized by C. McKay)

# Enceladus and the Icy Moons of Saturn

Boulder, CO  
July 26-29, 2015





Enceladus and the Icy  
Moons of Saturn

July 26–29, 2016

Boulder, Colorado

## **Book: Enceladus and the Icy Moons of Saturn**

Contract signed with SpaceScienceSeries/LPI (headed by Rick Binzel)

Editors: Paul Schenk, Hunter Waite, Ann Verbiscer, Carly Howett, Roger Clark

22 Chapters identified

All Chapter Authors identified and verified

Chapters due October 1 (!)



Notional Title	Handling Editor	Lead Author	email	Invite Accepted	Submitted	Reviewed	Accepted
ENCELADUS GEOPHYSICS GEOLOGY GEOCHEMISTRY							
History of Enceladus Discovery	Verbiscer	Dougherty	<a href="mailto:m.dougherty@ic.ac.uk">m.dougherty@ic.ac.uk</a>	yes			
Interior	Schenk	Hemingway	<a href="mailto:djheming@berkeley.edu">djheming@berkeley.edu</a>	yes			
Enceladus Ocean Composition & Dynamics	Waite	Glein	<a href="mailto:cglein@ciw.edu">cglein@ciw.edu</a>	yes			
Geophysics/Tidal-Thermal Evolution	Schenk	Nimmo	<a href="mailto:fnimmo@es.ucsc.edu">fnimmo@es.ucsc.edu</a>	yes			
Geologic History & Tectonics of Enceladus	Verbiscer	Patterson	<a href="mailto:Wes.Patterson@jhuapl.edu">Wes.Patterson@jhuapl.edu</a>	yes			
Composition of Enceladus: Origin and Evolution	Waite	McKinnon	<a href="mailto:wbmckinnon@yahoo.com">wbmckinnon@yahoo.com</a>	yes			
ENCELADUS PLUMES and E-RING							
Plume Vents and Dynamics	Waite	Goldstein	<a href="mailto:david@ices.utexas.edu">david@ices.utexas.edu</a>	yes			
Plume and Surface Composition	Waite	Postberg	<a href="mailto:postberg@irs.uni-stuttgart.de">postberg@irs.uni-stuttgart.de</a>	yes			
Enceladus and Its Contribution to Saturn's Magnetosphere	Clark	Smith (Todd)	<a href="mailto:H.Todd.Smith@jhuapl.edu">H.Todd.Smith@jhuapl.edu</a>	yes			
Plume Plumbing and Origins (Ocean to Surface)	moved to other chapters						
E-ring and its effects on Enceladus and the Saturn System	Howett	Kempf	<a href="mailto:sascha.kempf@colorado.edu">sascha.kempf@colorado.edu</a>	yes			
SATURN'S ICY MOONS							
Geology of the Midsized Icy Moons	Schenk	Schenk	<a href="mailto:schenk@lpi.usra.edu">schenk@lpi.usra.edu</a>	yes			
Geophysics/Interiors and Thermal Evolution of the Midsized Icy Moons	Clark	Castillo	<a href="mailto:julie.c.castillo@jpl.nasa.gov">julie.c.castillo@jpl.nasa.gov</a>	yes			
Surface Composition of Icy Moons	Howett	Hendrix	<a href="mailto:ahendrix@psi.edu">ahendrix@psi.edu</a>	yes			
Icy Moon Atmospheres/Exospheres from Magnetospheric Interactions	Waite	Teolis	<a href="mailto:bteolis@swri.edu">bteolis@swri.edu</a>	yes			
Ring/Magnetosphere Interactions with Satellite Surfaces	Howett	Howett	<a href="mailto:howett@boulder.swri.edu">howett@boulder.swri.edu</a>	yes			
Surface Properties of Saturn's Icy Moons	Verbiscer	Verbiscer	<a href="mailto:av4n@virginia.edu">av4n@virginia.edu</a>	yes			
Cratering Histories in the Saturn System	Verbiscer	Kirchoff	<a href="mailto:kirchoff@boulder.swri.edu">kirchoff@boulder.swri.edu</a>	yes			
Saturn's Small Inner Icy Moons (and Hyperion)	Howett	Thomas	<a href="mailto:pct2@cornell.edu">pct2@cornell.edu</a>	yes			
Phoebe and Saturn's Captured Outer Moons	Verbiscer	Denk	<a href="mailto:Tilmann.Denk@gmx.de">Tilmann.Denk@gmx.de</a>	yes			
ASTROBIOLOGY OF ENCELADUS							
Astrobiology Potential in Enceladus	Clark	McKay	<a href="mailto:chris.mckay@nasa.gov">chris.mckay@nasa.gov</a>	yes			
Future Exploration of Enceladus and Saturn's Icy Moons	Howett	Lunine	<a href="mailto:jlunine@astro.cornell.edu">jlunine@astro.cornell.edu</a>	yes			