

Wednesday, April 26, 2017
POSTER SESSION III:
SOLAR SYSTEM SITES: ICE AND OCEAN WORLDS:
CREATIVE DESTRUCTION? THE SURVIVAL AND FATE OF
MICROBES AND MOLECULES AT THE NEAR-SURFACE OF ICY WORLDS
7:00 p.m. Main Hall

McLain J. L. Anderson C. M. Nna-Mvondo D.

[*Investigations of Titan's Stratospheric Ice Cloud Chemistry Using the NASA-GSFC SPECTRAL Chamber*](#) [#3376]

The SPECTRAL experiment will study the chemical processes involved in the formation of some of Titan's stratospheric nitrile clouds observed by Cassini CIRS.

Henderson B. L. Gudipati M. S.

[*A New Investigation into Radiation-Induced Diagenesis of Organic Matter, with Applications Toward Europa*](#) [#3336]

Radiation-induced sputtering and outgassing of organics on Europa is examined as a potential indicator for the presence of organic matter on the surface.