

Tuesday, March 20, 2018

[T303]

POSTER SESSION I: DRAGONFLY NEW FRONTIERS MISSION FINALIST

6:00 p.m. Town Center Exhibit Area

Trainer M. G. Brinckerhoff W. B. Freissinet C. Lawrence D. J.
Peplowski P. N. et al.

POSTER LOCATION #27

[Dragonfly: Investigating the Surface Composition of Titan](#) [#2586]

Probe, drill, and measure / The surfaces of Titan / We will discover.

Hand K. P. Turtle E. P. Barnes J. W. Lorenz R. D. MacKenzie S. M. et al.

POSTER LOCATION #28

[Dragonfly and the Exploration of Titan's Astrobiological Potential](#) [#2430]

The combination of carbon, water, and dynamic physical and chemical processes make Titan a prime target for astrobiology.

Turtle E. P. Barnes J. W. Trainer M. G. Lorenz R. D. Hibbard K. E. et al.

POSTER LOCATION #29

[Dragonfly: In Situ Exploration of Titan's Organic Chemistry and Habitability](#) [#1641]

Titan quadcopter / Samples complex organics / How does life begin?

Barnes J. W. Turtle E. P. Trainer M. Lorenz R. D. MacKenzie S. M. et al.

POSTER LOCATION #30

[Dragonfly: Diversity of Mission Sampling Targets](#) [#2721]

Dragonfly smells, tastes: / Water ice, hydrocarbon. / How did they get made?

Lorenz R. D. Barnes J. W. Mackenzie S. Neish C. D. Radebaugh J. et al.

POSTER LOCATION #31

[First Landing for Dragonfly: Namib, Sahara and Arabian Desert Analogs for Flat Interdunes on Titan](#) [#1647]

Wide, flat, and smooth — nice! / Interdune plains are perfect / For Titan landing.