

Tuesday, March 20, 2018

[T306]

POSTER SESSION I: ASTROBIOLOGY IV: SEARCH FOR LIFE ON MARS

6:00 p.m. Town Center Exhibit Area

Cabrol N. A. Bishop J. Cady S. L. Hinman N. Moersch J. et al. **POSTER LOCATION #57**
[*Coevolution as a Guiding Principle for Biosignature Exploration on Mars \(and Beyond\)*](#) [#1350]

Coevolution considers how life and environment modify each other as cause or effect. It is a systemic and dynamic approach to the exploration of biosignatures.

Schwendner P. Cockell C. S. MASE Team **POSTER LOCATION #58**
[*Mars Analogues for Space Exploration — The MASE Project*](#) [#1648]

From Earth to Mars, towards understanding better the red planet habitability.

Goetz W. Goesmann F. Brinckerhoff W. B. Raulin F. Szopa C. et al. **POSTER LOCATION #59**
[*The Challenge to Search for Organics and Biosignatures on Mars by the Exomars-2020 Rover*](#) [#2615]

The ExoMars-2020 rover shall search for signs of life. Why is this so difficult on Mars and what will MOMA do on a high level to overcome these difficulties?

Thomson B. J. **POSTER LOCATION #60**
[*Erosion Rates on Mars: Relevance to Astrobiology*](#) [#1788]

The sub-kilometer population of craters on Mars can be used to infer the nature and degree of resurfacing. Here we examine global patterns of erosion.