

**PRINT ONLY: EXOBIOLOGY**

Caporali S. Moggi-Cecchi V. Muniz-Miranda M. Pagliai M. Pratesi G. Schettino V.  
[Surface-Enhanced Raman Micro-Spectroscopy of Adenine Adsorbed on Martian Meteorite as a Test for a Search of Extraterrestrial Life Traces](#) [#1401]

We report the results of a SERS investigation on DAG 670 meteorite (martian shergottite), on which adenine has been deposited. Different mineralogical phases were investigated, providing evidence of the SERS capability to detect traces of nucleobases.

Dohm J. M.

[Inventory of Potentially Habitable Environments on Mars](#) [#2234]

Inventory of potentially habitable environments based on direct linkage among life on Earth and specific environmental conditions are presented at the conference.

Gómez F. Gómez-Elvira J. Zorzano-Mier M. P. Armiens-Aparicio C.

Rodríguez-Manfredi J. A. Sebastian E.

[REMS \(MSL Meteorological Station\) Methodology Tested in Earth Analogs](#) [#2598]

Testing of Mars Science Laboratory meteorological station (REMS) in Earth analogs. Important conclusions for Mars data interpretation. Astrobiological implications.

Ivarsson M. Swillo M. Neubeck A. Holm N. G. Broman C. Björk G.

[High Precision Drilling and Extraction of Micro-Sized Material in Geologic Samples: Implications for Astrobiology](#) [#1372]

Here we demonstrate a method to drill in geological material using high-precision laser ablation and extract micrometer-sized samples for further analyses.