

Monday, April 24, 2017
POSTER SESSION I:
SOLAR SYSTEM SITES: MARS:
HABITABILITY AND PRESERVATION POTENTIAL
OF SILICA-PRODUCING HYDROTHERMAL SYSTEMS
7:00 p.m. Main Hall

Hickman-Lewis K. Garwood R. J. Brasier M. D. McLoughlin N. Goral T. Jiang H. Wacey D.
[*Carbonaceous Microstructures of the 3.46 Ga Stratiform 'Apex Chert': A New Suite of Microscopic MISS?*](#) [#3064]
A suite of silica-preserved carbonaceous microstructures from the 3.46 Ga stratiform Apex chert pass multiple morphological and geochemical biogenicity criteria.

Craft K. L. Williams A. J. Skok J. R.
[*Searching for Organic Biosignatures at Mars-Analog Icelandic Hydrothermal Sites*](#) [#3489]
We present organic analyses results on sinter deposit samples acquired at Icelandic hydrothermal sites as an analog to martian sites.