

Monday, April 24, 2017
POSTER SESSION I:
EXOPLANETS: HABITABILITY:
FORMATION OF HABITABLE AND "EARTH-LIKE" PLANETS
7:00 p.m. Main Hall

Feng W. Desch S.

[*Understanding the Diversity of Rocky Bodies from White Dwarf Pollution*](#) [#3683]

The disk accretion scenario is key to understanding the rocky bodies that pollute white dwarfs. We present ionization fractions and assess the extent of MRI in white dwarf disks.

Wong M. L. Gao P. Friedson A. J. Yung Y. L. Russell M. J.

[*A Methane-Rich Early Mars: Implications for Habitability and the Emergence of Life*](#) [#3524]

We present results from state-of-the-art photochemical and radiative transfer models of a CH₄-rich atmosphere of a young Mars-sized planet.

Lasbleis M. Brassier R.

[*Can We Estimate an Upper Bound for the Magnetic Field of Rocky Planets?*](#) [#3290]

We present here preliminary results for the magnetic field strength of rocky planets in synchronous rotation around their star.