

Wednesday, November 12, 2008
MARS SEASONAL POLAR CAPS: CO₂ ICE AND H₂O FROST
11:50 a.m. – 12:30 p.m.

Chair: P. Read

Hayne P. * Paige D. A. (Invited, 20 minutes)

[Mars Polar Cold Spots Observed by MRO/Mars Climate Sounder](#) [#9121]

Using radiometric observations from the Mars Climate Sounder (MCS) during southern winter, we report evidence that polar cold spots ($T_b < 135$ K) at Mars' south pole are correlated with tropospheric, optically thick clouds.

Eluszkiewicz J. * Moncet J.-L. Shephard M. W. Cady-Pereira K. Connor T. Uymin G.

[Atmospheric and Surface Retrievals in the Mars Polar Regions from the Thermal Emission Spectrometer Measurements](#) [#9032]

Simultaneous retrievals of atmospheric and surface parameters in the Mars polar regions are described.

12:30 – 2:00 p.m.

LUNCH