Monday, June 1, 2009

HYDROLOGY OF THE MARTIAN CRUST
8:45 a.m. Lecture Hall

8:45 a.m. Clifford S. M. * Lasue J. [INVITED]
The Role of Thermal Vapor Diffusion in the Subsurface Hydrologic and Mineralogic Evolution of the Martian Crust [#4017]

9:15 a.m. Lasue J. * Clifford S. M.
The Impact of Astronomically Induced Insolation Variations on the Extent of the Martian Cryosphere [#4016]

9:30 a.m. Harrison K. P. * Grimm R. E.
Regionally Compartmented Groundwater Flow on Mars [#4012]

9:45 a.m. Travis B. J. * Palguta J.  Barnhart C.  McGraw M.  Feldman W. C.
MAGNUM - A Numerical Simulator for Non-Isothermal Flow and Transport Processes in the Martian Regolith and Other Permeable Media [#4022]

10:00 a.m. BREAK

10:15 a.m. Möhlmann D. T. F. *
Liquid Interfacial and Melt-Water in the Upper Sub-Surface of Mars [#4001]

10:30 a.m. Rivera-Valentin E. G. * Chevrier V. F.  Ulrich R.
Time Dependent Model for Heat Transfer and Water Vapor Diffusion/Adsorption at the Phoenix Landing Site [#4020]

10:45 a.m. Chevrier V. F. * Ulrich R.  Altheide T. S.
Viscosity of Liquid Ferric Sulfate Solutions and Application to the Formation of Gullies on Mars [#4011]

11:00 a.m. Howe K. L. * Rivera-Valentin E. G.  Chevrier V. F.  Dixon J. C.
Experimental Simulation of the Effect of Viscous Fluids on Martian Gully Forms [#4024]

Megafans as Hydrous Environments [#4034]

11:30 a.m. LUNCH