

EXPLORING MARS WITH TES: A DATA USER'S WORKSHOP

Final Agenda

Day 1

8:00	Continental Breakfast	All
8:30	Welcome and Introduction	Steve Ruff
8:35	Overview of TIR spectroscopy	Vicky Hamilton
9:20	Lab spectroscopy	Steve Ruff
9:35	Spectral deconvolution	Vicky Hamilton
10:15	Break	All
10:30	TES instrument overview	Phil Christensen
11:30	Lunch	All
1:00	TES spectra – common features and variability	Steve Ruff
2:00	Atmospheric science and data products	Mike Smith
3:00	Break	
3:15	Surface-atmosphere separation	Josh Bandfield
4:15	Mapping with TES data	Steve Ruff & Phil Christensen
5:00	Q&A	All
5:30	Adjourn to dinner	All

Day 2

8:00	Continental Breakfast	All
8:30	Thermal Inertia & Rock Abundance	Mike Mellon
9:30	Albedo	Phil Christensen
10:15	Break	All
10:30	Extracting TES data & tools	Noel Gorelick
12:00	Lunch	All
1:15	MGS/TES RETRIEVALS WITH MULTIPLE SCATTERING	E.A.Ustinov, D.Crisp and D.Kass
1:30	INTERANNUAL VARIABILITY IN MARTIAN WATER-ICE CLOUDS: TES DATA COMPARED TO VIKING IRTM DATA	L.K. Tamppari, P. R. Christensen and J. C. Pearl

1:45	DETECTING POLAR CLOUDS WITH TES AND MOLA	P. G. Ford and G. H. Pettengill
2:00	COMPOSITION AND RADIATIVE BALANCE OF THE MARS NORTH SEASONAL POLAR CAP	G. B. Hansen
2:15	ANALYSIS OF MULTI-ANGLE INFRARED OBSERVATIONS OF THE MARS SOUTH POLAR CAP	T. N. Titus and H. H. Kieffer
2:30	APPLICATION OF A SINTERING MODEL TO THE ANALYSIS OF TES SPECTRA OF THE SEASONAL CAPS	J. Eluszkiewicz and T. N. Titus
2:45	Break	
3:00	SEARCHING FOR SHOCKED MINERALS IN TES SPECTRA OF IMPACT CRATERS	J. R. Johnson, T. N. Titus, and M.I. Staid
3:15	COMPOSITIONAL MAPPING WITH TES IN VALLES MARINERIS, MARS	L. R. Gaddis, M. I. Staid, and T. N. Titus
3:30	TES HYPERSPECTRAL MAPPING OF PUTATIVE MARTIAN PALEOLAKE BASINS: A SEARCH FOR AQUEOUSLY-DERIVED MINERALS	J. Moersch, S. Ruff, A. Baldrige, J. Farmer, K. Stockstill
3:45	THERMAL INERTIA OF CRATER-RELATED WIND STREAKS ON MARS	S. M. Pelkey, B. M. Jakosky, and M. T. Mellon
4:00	SEASONAL DARK SPOTS IN MARTIAN GULLIES AND OTHER TERRAINS STUDIED BY TES AND OTHER DATA SETS	N.T. Bridges, T.N. Titus, K.E. Herkenhoff, H.H. Kieffer, M.H. Hecht, C. Mercer
4:15	Discussion	
5:00	Workshop Adjourn	All
5:15	Introduction to the Granite Wash Field Trip	Steve Ruff
5:30	Adjourn to dinner	All

Day 3 Granite Wash Field Trip

7:00	Depart from ASU in vans
Noon	Lunch in the field (provided)
5:00	Return to ASU