

SMAP Science Team Meeting #7
 February 2-4, 2016
 JPL Building 264-340 and 264-326

Beg.	End	Δt	Subject	Presenter
Tuesday February 2, 2016				
			Introduction	
8:30	8:40	0:10	Meeting Objectives	D. Entekhabi & S. Yueh
8:40	8:55	0:15	SMAP Science Program	Jared Entin
			Mission Status	
8:55	9:10	0:15	Observatory and Project Updates	Kent Kellogg
9:10	9:20	0:10	Flight Operations Status	A. Freeman
9:20	9:40	0:20	Science Data Systems Status	M. Hanna & D. Cuddy
			Radiometer Calibration	
9:45	10:00	0:15	Radiometer Calibration Overview	S. Misra
10:00	10:10	0:10	Cold Sky Data Analysis	E. Dinnat & D. LeVine
10:10	10:20	0:10	Fore-aft bias	Giovanni De Amici
10:20	10:30	0:10	Morning Break	
			Radiometer Calibration (Continued)	
10:30	10:40	0:10	Calibration Drift and Subband Calibration	Jinzheng Peng
10:40	10:55	0:15	SMAP comparisons with SMOS and Aquarius	R. Bindlish & F. Cabot
10:55	11:20	0:25	RFI Algorithm Performance and Parameters	J. Johnson & P. Mohammed
11:20	11:30	0:10	Discussion	J. Piepmeier
			Radar Calibration	
11:30	11:50	0:20	L1C Radar Processing Issues & Algorithm Changes	Richard West
11:50	12:00	0:10	Discussion	Richard West
12:00	13:00	1:00	Lunch	
			Radiometer Resolution Enhancements	
13:00	13:05	0:05	Current Candidates and Steps to New Baseline	Simon Yueh
13:05	13:20	0:15	Brightness Temperature Forward Simulator	Jinzheng Peng
13:20	13:40	0:20	Resolution Enhancement: Optimal Sampling	Julian Chaubell
13:40	14:00	0:20	Resolution Enhancement: Deconvolution	Igor Yanovsky

14:00	14:20	0:20	Retrievals on Fine Grid Posting	Rajat Bindlish
14:20	14:40	0:20	Resolution Enhancement: Spectral Image Processing	S. Brown and S. Misra
14:40	15:00	0:20	Afternoon Break	
			Multimission Data	
15:00	15:20	0:20	Sentinel-1 Data Coverage and Calibration	S. Kim & C. Ballard
15:20	15:40	0:20	Active-Passive Algorithm Implementation	N. Das
15:40	15:50	0:10	Study of SMAP Formation Flight with Sentinel-1	Tung-Han You
			Multimission Data	
15:50	16:10	0:20	Radiometer Resolution Enhancement Discussion	All
16:10	16:30	0:20	Sentinel-SMAP Active-Passive Discussion	All
16:30			Adjourn	
Wednesday February 3, 2016				
			Calibration and Validation	
8:30	8:45	0:15	Cal/Val Core and Supplementary sites status	Andreas Colliander
8:45	9:00	0:15	SMAPVEX15 Results	Tom Jackson
9:00	9:10	0:10	AirMOSS	Mahta Moghaddam
9:10	9:20	0:10	Hyperresolution Models	E. Wood
9:20	9:40	0:20	SMAPEx Experiments	Jeff Walker
9:40	10:10	0:30	SMAPVEX16 and SMAPVEX17	Tom Jackson
10:10	10:30	0:20	Morning Break	
			L2 SM P Passive Soil Moisture Product	
10:30	10:50	0:20	L2_SM_P Baseline and Options Overview	Steven Chan
10:50	11:05	0:15	Core Cal/Val Site Data Comparison	Andreas Colliander
11:05	11:20	0:15	Sparse Network	Wade Crow
11:20	11:30	0:10	Comparison with SMOS	Yann Kerr
11:30	11:45	0:15	Inter-Satellite Comparison	Mariko Burgin
11:45	11:55	0:10	Calibration of Parameters and Discussion	Steven Chan
11:55	12:00	0:05	Validated Data Release Plans	Peggy O'Neill
12:00	13:00	1:00	Lunch	
			L3_FT Freeze/Thaw Moisture Product	
13:00	13:20	0:20	L3_FT Status	C. Derksen
13:20	13:35	0:15	Core cal/val Site Data Comparison	Andreas Colliander

13:35	13:50	0:15	Transition to Radiometer	Xiaolan Xu
13:50	14:00	0:10	Validated Data Release Plan	C. Derksen
			L4_SM Product	
14:00	14:15	0:15	L4_SM Status	Rolf Reichle
14:15	14:30	0:15	Core cal/val Site Data Comparison	Andreas Colliander
14:30	14:45	0:15	Validated Data Release Plan	Rolf Reichle
			L4_C Product	
14:45	15:00	0:15	L4_C Status	John Kimball
15:00	15:15	0:15	Core cal/val Site Data Comparison	Natasha Stravos
15:15	15:30	0:15	Validated Data Release Plan	John Kimball
15:30	15:45	0:15	Afternoon Break	
			Science Presentations	
15:45	16:00	0:15	Assimilation of SMAP Observations	Marco Carrera & S. Belair
16:00	16:15	0:15	Studies of SMAP Radiometer RFI Properties	Joel Johnson
16:15	16:30	0:15	Noise & Estimation of Precipitation from Retrievals	Randy Koster
16:30	16:45	0:15	Using SMAP to Update Satellite NRT Precipitation	Eric Wood
16:15	16:30	0:15	Hurricane Wind and Sea Surface Salinity	Simon Yueh
16:30	16:45	0:15	Active-Passive Estimation	R. Akbar & M. Moghaddam
16:30			Adjourn	
18:30			Social Dinner (Athenaeum at Cal-Tech)	
Thursday February 4, 2016				
			Science Presentations	
8:30	8:45	0:15	Analysis of Spatial Patterns in Passive Soil Moisture	Wade Crow
8:45	9:00	0:15	Timeseries Retrieval of Vegetation Structure/Opacity	Dara Entekhabi
9:00	9:15	0:15	Water Cycle Fraction in Surface Soil Moisture	Dara Entekhabi
9:15	9:30	0:15	Impact of SMAP Data on Energy, Water, and Carbon Fluxes Produced by a Dynamic Phenology LSM	Randy Koster
9:30	9:45	0:15	Cold Sky Calibration	D. Le Vine & E. Dinnat
9:45	10:00	0:15	Radar Scattering Model at C-Band	T. Liao, M. Sanamzadeh & L. Tsang
10:00	10:20	0:20	Morning Break	

			Applications	
10:20	10:35	0:15	Phase E Plans	Susan Moran
10:35	10:55	0:20	Case Studies, Tutorials and Workshops	Vanessa Escobar
10:55	11:10	0:15	SMAP Tutorial Presentations	E. Njoku & E. Podest
			Data Archive and Data Access	
11:10	11:30	0:20	NSIDC Status	Amanda Leon
11:30	11:50	0:20	ASF Status	Scott Arko
11:50	12:00	0:10	Discussion	All
12:00	13:00	1:00	Lunch	
			GLOBE and Web Page	
13:00	13:20	0:20	Outreach and GLOBE	Campbell, Podest & Das
13:20	13:40	0:20	Content for SMAP Web-Page Content	Susan Callery
			Summary	
13:40	13:50	0:10	Upcoming Meetings and Calendar	Dara Entekhabi
13:50	14:00	0:10	Action Items	Dara Entekhabi
14:00			Adjourn	