

SMAP Science Team Meeting #5

Date: June 16-18, 2015

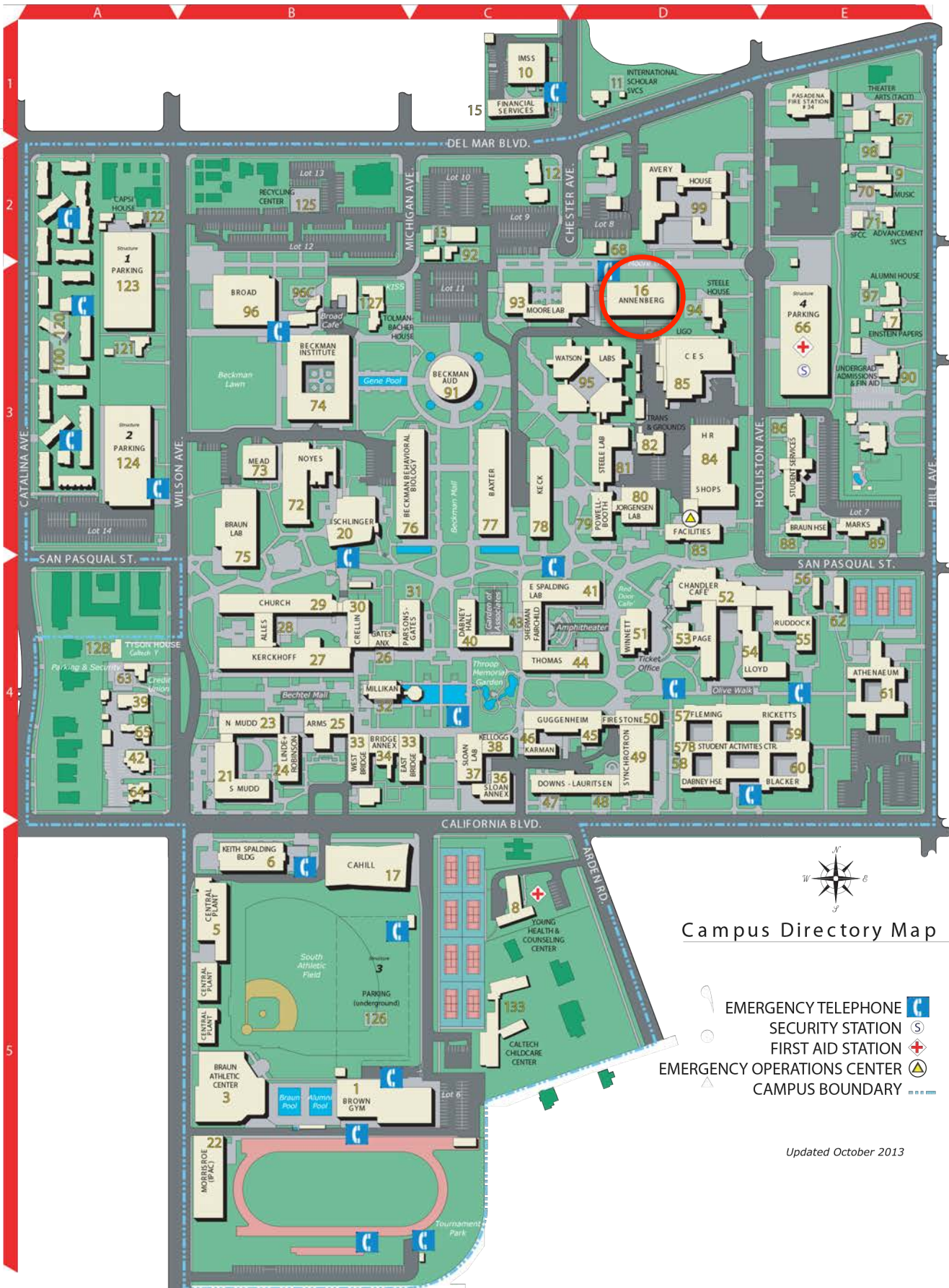
Location: Annenberg Lecture Hall, California
Institute of Technology

Beg.	End	min	Subject	Presenter
Tuesday June 16, 2015				
Introduction				
8:30	8:40	0:10	Meeting Objectives	D. Entekhabi and S. Yueh
8:40	8:50	0:10	Program Science Status	Jared Entin
Mission Status				
8:50	9:00	0:10	Observatory and Project Updates	Kent Kellogg
9:00	9:15	0:15	Flight Operations Status	Adam Freeman
9:15	9:30	0:15	Science Data Systems Status	Maher Hanna
Observatory and Instruments				
9:30	9:35	0:05	Pointing angle analysis	Michael Spencer
9:35	9:45	0:10	Summary of observatory pointing	Adam Freeman
9:45	10:00	0:15	Radiometer pointing analysis	Giovanni De Amici
10:00	10:15	0:15	Radar L1B pointing analysis	Richard West
10:15	10:20	0:05	Conclusion and recommendation for L1 beta	R. West & M. Spencer
Radiometer Calibration				
10:30	10:40	0:10	Radiometer Calibration Overview	J. Piepmeier & S. Misra
10:40	10:45	0:05	Noise diode and front-end loss calibration	Jeffrey Piepmeier
10:45	11:05	0:20	Cold sky data analysis	Emanuel Dinnat
11:05	11:20	0:15	Antenna pattern correction	Emanuel Dinnat
11:20	11:30	0:10	Fore-aft bias	Giovanni De Amici
11:30	11:40	0:10	Calibration drift	Jinzheng Peng
11:40	12:00	0:20	SMAP comparisons with SMOS and Aquarius	F. Cabot & R. Bindlish
12:00	13:00	1:00	Lunch	
Radiometer Calibration (Continued)				
13:00	13:25	0:25	RFI algorithm performance and parameters	Joel Johnson
13:25	13:50	0:25	RFI detection and mitigation	Priscilla Mohammed
13:50	14:10	0:20	Recommendation of parameter settings for L1 beta	Sid Misra
Radar Calibration				
14:10	14:35	0:25	L1C radar processing issues and algorithm changes	Richard West

14:35	14:50	0:15	L1C RFI impact assessment	Richard West
14:50	15:10	0:20	L1B radar bias, drift calibration, slice balancing	Richard West
15:10	15:30	0:20	External active calibrator results	Kamal Sarabandi
15:30	15:50	0:20	Radar issues, calibration plans and discussion	Michael Spencer
			L1 beta Data Release	
15:50	16:30	0:40	Discussion: Punch-list for beta-L1 data release	Michael Spencer
16:30			Adjourn	
Wednesday June 17, 2015				
			Calibration and Validation	
8:30	8:55	0:25	Cal/Val Core and Supplementary sites status	Andreas Colliander
8:55	9:20	0:25	SMAPVEX15	Tom Jackson
9:20	9:40	0:20	Scanning PALS engineering & RFI flights	Sid Misra
9:40	9:55	0:15	UAVSAR and AirMOSS at SMAPVEX15	Mahta Moghaddam
9:55	10:10	0:15	SMAPVEX15 Precipitation Component	Wade Crow
10:10	10:25	0:15	SMAPVEX15 Hyper-resolution models & upscaling	E. Wood & W. Crow
10:25	10:45	0:20	SMAPEX-4 and SMAPEX-5	Jeff Walker
10:45	11:00	0:15	SMAPVEX16	Tom Jackson
			Intense Cal/Val Period	
11:00	12:00	1:00	Discussion: Intense Cal/Val Period activities	Simon Yueh
12:00	13:00	1:00	Lunch	
			L2_SM_P Passive Soil Moisture Product	
13:00	13:10	0:10	L2_SM_P baseline and options overview	Steven Chan
13:10	13:25	0:15	Core cal/val site data comparison	Andreas Colliander
13:25	13:35	0:10	Sparse network	Wade Crow
13:35	13:45	0:10	Comparison with SMOS	Yann Kerr
13:45	14:05	0:20	Inter-satellite comparison	Mariko Burgin
14:05	14:15	0:10	Modeling comparisons	Eric Wood
14:15	14:25	0:10	Summary and settings for SDS processing	Steven Chan
14:25	14:35	0:10	Retrieval algorithm issues and future plans	Peggy O'Neill
			L2_SM_AP Active-Passive Soil Moisture Product	
14:35	14:45	0:10	L2_SM_AP baseline and options overview	Narendra Das
14:45	15:00	0:15	Core cal/val site data comparison	Andreas Colliander
15:00	15:10	0:10	Summary and settings for SDS processing	Narendra Das
15:10	15:25	0:15	Retrieval algorithm issues and future plans	Entekhabi & Moghaddam

			L2_SM_A Active Soil Moisture Product	
15:25	15:35	0:10	L2_SM_A baseline and options overview	Sab Kim
15:35	15:50	0:15	Core cal/val site data comparison	Andreas Colliander
15:50	16:05	0:15	Physical Forward Model	Leung Tsang
16:05	16:15	0:10	Summary and settings for SDS processing	Sab Kim
16:15	16:30	0:15	Retrieval algorithm issues and future plans	Mahta Moghaddam
16:30	16:30	0:00	Adjourn	
18:30			Social Dinner	
Thursday June 18, 2015				
			L3_FT Freeze/Thaw Moisture Product	
8:30	8:45	0:15	L3_FT baseline and options overview	X. Xu & C. Derksen
8:45	9:00	0:15	Core cal/val site data comparison	Andreas Colliander
9:00	9:15	0:15	Summary and settings for SDS processing	Xiaolan Xu
9:15	9:30	0:15	Retrieval algorithm issues and future plans	X. Xu & C. Derksen
			L4_SM Product	
9:30	9:50	0:20	L4_SM overview and products availability	Rolf Reichle
9:50	10:05	0:15	Core cal/val site data comparison	Andreas Colliander
10:05	10:25	0:20	Product issues and future plans	Rolf Reichle
			L4_C Product	
10:25	10:45	0:20	L4_C overview and products availability	John Kimball
10:45	11:00	0:15	Core cal/val site data comparison	Natasha Stravos
11:00	11:20	0:20	Product issues and future plans	John Kimball
			Applications	
11:20	11:30	0:10	Applications and Phase E plans	Susan Moran
11:30	11:45	0:15	Early-Adopters & workshops reports and plans	Vanessa Escobar
11:45	12:00	0:15	SMAP Tutorial	E. Njoku & E. Podest
12:00	13:00	1:00	Lunch	
			Data Archive and Data Access	
13:00	13:20	0:20	NSIDC status	Amanda Leon
13:20	13:35	0:15	ASF status	Angela Allen
13:35	13:55	0:20	SMAP Browser	Barry Weiss
13:55	14:40	0:45	SMAP ST Data access (w10n webification)	Zhangfan Xing

			GLOBE and Web Page	
14:40	15:00	0:20	Outreach and GLOBE	E. Podest and N. Das
15:00	15:10	0:10	SMAP Web-page content	Susan Callery
			Summary	
15:10	15:20	0:10	Upcoming meetings and calendar	Dara Entekhabi
15:20	15:30	0:10	Action items	Dara Entekhabi
15:30			Adjourn	



Campus Directory Map

- EMERGENCY TELEPHONE
- SECURITY STATION
- FIRST AID STATION
- EMERGENCY OPERATIONS CENTER
- CAMPUS BOUNDARY

Updated October 2013