

**SMAP Science Definition Team (SDT) Meeting #1**  
**Jet Propulsion Laboratory, Pasadena, CA**  
**November 12-13, 2008**  
**Room 238-543**

**Agenda**

**Wednesday Nov 12**

**SESSION 1 (9:00 - 11:00 am)**

09:00 Meeting Goals & Objectives Entekhabi  
09:10 NASA/HQ Perspective Entin

**09:20 Mission Element Overviews**

09:20 Measurement Approach Spencer  
09:30 L1 Science Requirements Entekhabi  
09:40 Data Products/Algorithms O'Neill  
09:50 Algorithms Test-Bed Njoku  
10:00 MOS/GDS Gunter  
10:10 SDS Bicknell  
10:20 Project Status Kellogg  
10:30 SDT Role Statements / Community interaction Entekhabi

**10:40 Discussion/Break**

**SESSION 2 (11:00 - 12:30 pm)**

11:00 Project/Science Schedules, Reviews and Deliverables Njoku  
11:30 SDT Concurrence on L1 Requirements Entekhabi

**LUNCH (12:30 - 1:30 pm)**

**SESSION 3 (1:30 - 5:00 pm)**

1:30 Radio Frequency Interference Piepmeier/Johnson

**2:00 Algorithm Development and Testbeds**

2:00 Approach Njoku  
2:10 Current L2/3 Testbed status Chan/Dunbar  
2:20 Discussion of L1 and L4 Testbeds? Piepmeier/Reichle  
2:30 SDS Architecture Bicknell

**2:40 Review and Confirmation of Science Data Products and ATBD Development**

2:40 L1 (radiometer and radar) Spencer/West/Piepmeier

**3:15 Break**

3:30 L2/3 (SM and FT) O'Neill/van Zyl/McDonald  
4:15 L4 (SM and Carbon) Koster/Reichle/Kimball  
4:50 Discussion

**DINNER**

**Thursday Nov 13**

**SESSION 1 (9:00 - 12:00 pm)**

09:00 Level-2 Requirements Njoku

**10:30 Break**

10:45 Level-2 Requirements (contd) Njoku

**LUNCH (12:00 - 1:00 pm)**

**SESSION 2 (1:00 pm - 5:00 pm)**

1:00 NIRST Instrument Njoku

1:30 Phase A Trade Studies (to be completed by ASM and MDR) Njoku

2:00 Recommendations on Key Level 2 Requirements Entekhabi

Orbit Trade Rogez

NRT Data Availability Gunter

Other

**3:00 Break**

3:15 Discussion/Recommendations on Cal/Val Plan Jackson

Summary of PALS SMAPVEX'08 status Yueh

Algorithm requirements

Modeling

Field campaigns

Workshop, Spring 2009

4:00 Discussion/Recommendation on Applications Plan O'Neill/Entekhabi

4:30 Future meetings and Workshops Entekhabi/Njoku

**DINNER**