

**Soil Moisture Active and Passive Mission (SMAP)  
Science Definition Team (SDT) Meeting #4  
February 2-4, 2010, Pasadena, CA**

**Tuesday, February 2**

**Introduction**

**09:00** Goals for Meeting #4 (Entekhabi)

**09:15** Project Update (Kellogg)

**09:30** Revised L1 Science Requirements Document: Impacts of Changes (Njoku)

**Data Products**

**09:45** Revised Data Products Table, Gridding and Latency (Njoku)

**10:00** Level 3 Compositing of Level 2 Products (Chan/Dunbar)

**10:15** Compositing Discussion / Open Issues Listing (All)

**10:30 BREAK**

**HiRes Radar Acquisition**

**10:45** Status Report on Hi-Res Data Volume and Latency (Bicknell)

**11:00** Algorithm Performance Impacts With Fore/Aft HiRes Radar (Kim)

**11:15** Algorithm Performance Impacts With AM/PM HiRes Radar (McDonald)

**11:30** Radar design impacts of FAA regulations (Spencer/Kim)

**Ancillary Data, Performance Metrics**

**11:45** Cross-ATBD Ancillary Data Table and Data Sources (Podest)

**12:00** Performance Metrics Definitions (Koster/Reichle)

**12:15** Metrics Discussion / Open Issues Listing (Koster/Reichle)

**12:30 LUNCH**

**Cal/Val**

**13:30** 2010 Cal/Val Plans: Canada and Australia (Jackson/Belair/Walker)

**14:00** 2011 Cal/Val Planning (Jackson)

**14:15** *in situ* Testbed and Cal/Val Core Sites ROSES Call (Jackson)

**14:30** Cal/Val Discussion / Open Issues Listing (All)

**RFI**

**14:45** RFI update (Johnson)

**15:00** RFI Discussion / Open Issues Listing (All)

**15:15 BREAK**

**Algorithm Testbed, International Presentations**

**15:30** Algorithm Testbed Forward Models (Chan, Kim)

**16:00** Testbed Discussion / Open Issues Listing (All)

**16:15** US and International SDT Member Presentations (TBD)

**17:00 ADJOURN**

**DINNER**

## **Wednesday, February 3**

### **ATBD I**

- 08:30** Preparations for the Algorithms Working Group Workshop (Moghaddam)
- 08:45** L1B\_S0\_LoRes and L1C\_S0\_HiRes Products Status (West)
- 09:15** L1\_S0 Discussion / Open Issues Listing (All)
- 09:30** L1B\_TB\_LoRes and L1C\_TB Products Status (Piepmeier, Chan)
- 10:00** L1\_TB Discussion / Open Issues Listing (All)

**10:15 BREAK**

### **ATBD II**

- 10:30** L2\_F/T\_A (McDonald)
- 11:00** L2\_F/T\_A Discussion / Open Issues Listing (All)
- 11:15** L2\_SM\_A Product Status (Van Zyl, Kim)
- 11:45** L2\_SM\_A Discussion / Open Issues Listing (All)

**12:15 LUNCH**

### **ATBD III**

- 13:15** L2\_SM\_P Product Status (O'Neill, Chan)
- 13:45** L2\_SM\_P Discussion / Open Issues Listing (All)
- 14:00** L2\_SM\_A/P Product Status (Entekhabi, Das)
- 14:30** L2\_SM\_A/P Discussion / Open Issues Listing (All)
- 14:45** Science Graphics and Web Page (Yuen)

**15:15 BREAK**

### **ATBD IV**

- 15:30** Applications and Application Plan Status (All)
- 15:45** SMAP Advocacy in Science and Applications (All)
- 16:45** Open Issues Listing (All)

**17:00 ADJOURN**

## **Thursday, February 4**

### **ATBD IV**

- 08:30** L4\_SM (Reichle)
- 09:00** L4\_C (Kimball)
- 09:30** L4 Discussion / Open Issues Listing (All)
- 09:45** Future Meetings and Events (All)

**10:15 ADJOURN**

- 10:30** SDT Sub-Groups Break-Out Meetings on Data Products

**17:00 ADJOURN**