Tuesday May 3

0830  Workshop Goals and Expected Outcomes (Jackson)

**SMAP Project Perspectives**

0915  NASA HQ Programs and Projects Related to SMAP (Entin)
0930  SMAP Project Status (Kellogg/Njoku)
0945  SMAP Science Plan (Entekhabi/Njoku/O’Neill)
1000  Break

**SMAP Products and Cal/Val**

1015  Summary of L1 Product Cal/Val Requirements (Colliander/West/Kim)
1045  Summary of L2 Soil Moisture Cal/Val Requirements (Moghaddam)
1115  Summary of L2 Freeze-Thaw Cal/Val Requirements (McDonald/Kimball)
1145  Summary of L4 Product Cal/Val Requirements (Reichle/Kimball)
1215  Lunch

**Field Campaigns**

1315  Discussion of Algorithm Requirements Related to Field Campaigns (O’Neill)
1400  CanEx-SM10 Results Presentations (Belair)
   - Overview of the CanEx-SM10 field experiment (Belair, EC)
   - Passive airborne measurements during CanEx-SM10 (Walker, EC)
   - Active airborne measurements with the UAVSAR during CanEx-SM10 (Mladenova, USDA)
   - UAVSAR interferometry during CanEx-SM10 (Hensley, JPL)
   - Ground measurements over agricultural sites during CanEx-SM10 (Berg, Guelph/Toth, EC)
   - Ground measurements over BERMS during CanEx-SM10 (Moghaddam, U. Michigan)
   - Preliminary evaluation of soil moisture retrievals for CanEx-SM10 (Magagi, Sherbrooke U.)
   - Summary and availability of CanEx-SM10 datasets (Magagi, Sherbrooke U.)
   - Open discussion on lessons learned from CanEx-SM10
1545  Break

1600  SMAPEx Results and Australia Core Validation Site (Walker)
1630  General Discussion of Field Experiment Objectives (Jackson)
1730  End Day 1
Wednesday May 4

0830  Development of a Pre-launch Soil Moisture Field Campaign (Jackson). Includes 10 min, presentations on
   - ComRAD (O’Neill)
   - CARVE/PALS (Colliander)
   - UAVSAR (Hensley)
   - AirMOSS (Moghaddam)

1030  Break

1045  Development of a Pre-launch Freeze-Thaw Field Campaign (Belair/McDonald/Jackson)

1145  Lunch

1245  Status of the Aquarius Mission (Le Vine)

1250  SMOS Validation Experiences Presentations (Kerr). Includes 10 min presentations by
   - Y. Kerr
   - M. Drusch
   - A. Robock

SMAP Validation Initiatives

1330  In Situ Sensor Testbed Presentations (Cosh). Includes 10 min presentations on
   - ISST Overview (Cosh)
   - Testbed Operations (Ocher)
   - COSMOS (Zareda)
   - GPS (Small)

1415  Up-Scaling Methodologies (Crow). Includes 10 min presentations by
   - W. Crow
   - B. Mohanty
   - A. Berg

TBD  Break

SMAP In Situ Cal/Val Team

1500  Core Validation Sites Overview (Jackson)

1515  Short presentations (5 min.) by responders attending. (List to be provided prior to session)

1700  Discussion

1730  End of Day 2
Thursday May 5

0830 Potential Partners. Includes presentations as follows
  - NEON (E. Ayres)
  - CZO (H. Lin)
  - GCOM-W (I. Kaihotsu)
  - Vietnam Program (D. Chung)
  - NOAA COOP (K. Scharfenberg)

International Programs and Collaboration

0930 Goals of the GEWEX International Soil Moisture Working Group (van Oevelen)
0950 Goals of the CEOS Land Product Validation Team on Soil Moisture (Dorigo/Jackson)
  - Soil moisture as an Essential Climate Variable (Jackson)
1010 Break
1025 Issues in Satellite and Land Surface Model Soil Moisture Validation (Drusch)
1045 The International Soil Moisture Network: Implementation and first User Experiences (Dorigo)
1115 Challenges faced by Operational and New In situ Soil Moisture Networks. Includes 10 min presentations on
  - SwissSMEX (Mittelbach, ETH Zürich),
  - Bibeschbach experimental catchment (Matgen, Gabriel Lippmann Centre)
  - Alan Robock (TBD)
1145 Discussion
1215 Lunch

Other SMAP Components Related to Cal/Val and Summary

1330 SMAP Cal/Val Data Archiving (Colliander)
1500 Discussions and Actions (Jackson)
1630 End Day 3