**MATERHORN PROJECT**

**Annual Review Meeting II – August 17, 2012**

**Location: North Room, Officers Club, University of Utah**

**INTRODUCTION**

**Chair: Dave Whiteman**

8.00 - 8.05: Welcoming Remarks (Eric Pardyjak)

8.05 - 8.25:  Joe Fernando (Materhorn Overall Progress)

8.25 - 8.45: Eric Pardyjak (Status of Materhorn-X – fall experimental preparation)

8.45 - 9.05: Dragan Zajic & John Pace: DPG Perspective of Materhorn-X and Dry Run

9.05 - 9.25:  Dave Whiteman & Sebastian Hoch (Analysis of DPG Data)

**9.25 – 9.45 am: Coffee Break**

**MATERHORN-T and MATERHORN-X**

**Chair: Josh Hacker**

09.45 -10.05: Stephan de Wekker (Boundary layer investigations)

10.05 - 10.25: Silvana DiSabatino & Laura Leo (Familiarization field studies)

10.25 - 10.45: Tom Pratt (RF Technologies for moisture detection)

10.45 - 11.05: Scott Coppersmith with Mike Zenk/Chris Hocut and Charles Retallack (UAV)

11.05 - 11.25: Charles Retallack

Moisture measurements using FASS (with Pat Dunn)

Theoretical developments (with Julian Hunt)

11.25 – 11.45: Chris Hocut with Dan Liberzon & Eliezer Kit (Combo Probes)

11.45 – 12.00: Chad Higgins (Collaborator contributions; via Skype)

12.00 – 12.15: Marcus Hultmark (Collaborator contributions; via Skype)

**12.15- 1.30 pm: Lunch**

**MATERHORN-M and MATERHORN-P**

**Chair: Joe Fernando**

1.30 - 1.50: Josh Hacker (predictability)

1.50 - 2.10: Fotini Katopodes-Chow & Jason Simon (Using IBM-WRF simulations; via Skype)

2.10 - 2.30: Jeff Massey with Jim Steenburgh (Mesoscale modeling)

2.30 - 2.50: Zhaoxia Pu (Data assimilation and ensemble forecasting)

2.50 - 3.10: Reneta Dimitrova (WRF Parameterizations)

3.10 - 3.30: Chris Hocut (Laboratory Modeling)

**3.30- 3.50 pm: Coffee Break**

**COLLABORATOR CONTRIBUTIONS**

**Chair: Eric Pardyjak**

3.50 - 4.05 Dave Emmitt (TOWDL deployment in Materhorn-X)

4.05 - 4.20 Yansen Wang (ARL Lidar in Materhorn-X)

4.20 - 4.35 Stefano Serafin (Modeling)

4.35 – 4.50 Ben Balsley (DataHawk Deployment in Materhorn-X)

4.50-5.45: General Comments - Advisory Committee

**EVENING PLANS**

**7.15 pm onwards:** Reception, graciously hosted by John and Sarah Pace (see directions below)

**August 18, 2012**

**MATERHORN-X GROUP – Discussions**

**Location: Foothills Boardroom in the Guest House**

**Facilitator: Eric Pardyjak**

10.00-11.30 am

To discuss the planning of Materhorn dry run to be held during August 27-September 1 and Materhorn-X during September 25 to October 25th

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**Notes:** A Map of the University of Utah Guest House from the Airport is attached in page 5. Note that Friday’s meeting will be held at the Officers Club, which is located just south (about a 2 minute walk) of the University Guest House. Parking will be available in the Commander's Lot. For those taking TRAX, the appropriate stop for the Officers Club is on the Red Line (University Line towards the hospital) and is the "Fort Douglas" stop. Once you exit the train, take the bridge over the road and continue straight, the Officer's Club is just past the parking lot.

**Directions to John and Sarah Paces’ house:**

Address: 2180 East 900 South, Salt Lake City, 84108 (see page 3 for directions)

 From the Salt Lake City airport: get on I-80 headed east.  Go about 14 miles to Exit 129, which is the Foothill Boulevard and Parley’s Canyon exit.  (Note:  I-80 eastbound merges with I-15 southbound for about five miles.  People will need to exit from I-15 onto I-80 East.)  Exit 129 is a very sharp curve and is not well marked, so please pay attention and slow down.

The exit puts you onto Foothill Boulevard headed north.  Go about three miles and turn right on 900 South, which is just past Hubbard Avenue.  Go up the hill on 900 South two blocks, to the intersection with 2200 East.  Our house is a two-story house with light brown brick and white siding, on the right side of the street (southwest corner of the intersection).

If you miss the turn onto 900 South, go to the traffic light, one more block north, and turn right onto Sunnyside Avenue.  Go two blocks and turn right onto 2200 East.  Go one block ahead to 900 South.

From downtown Salt Lake City, get onto 400 South and proceed eastward.  The road goes up a steep hill, then bends to the right (southward) and then left (eastward again), becoming 500 South.  Proceed about three miles on 500 South.  The road will bend to the right and become Foothill Boulevard.  You will pass Mario Capecchi Drive and Wakara Way, and then turn left at the next intersection, which is Sunnyside Avenue.  Go up two blocks to 2200 East and turn right, then go one block to the intersection with 900 South.

(Also see the map in page 4)

