MATERHORN Investigator Meeting – III

University of Notre Dame

September 6, 2013

McKenna Conference Center, Room 101

Program

 7:30-8:00: Coffee/Refreshments

Session 1: Chair – Tom Pratt

 8:00-8:10: Robert Bernhardt, Vice President for Research, University of Notre Dame

 8:10-8:20: Remarks by Program Managers (Dan Eleutario and Ron Ferek)

 8:20-8:40: H.J.S Fernando (Program update)

 8:40-9:00: E. Pardyjak (Progress Report of MATERHORN Spring and Fall Experiments)

 9:00-9:20: J. Hacker (Progress Report on MATERHORN-M)

 9:20-9:40: J. Steenburgh (Modeling of Materhorn-Xs)

9:40-10:00: S. De Wekker (Observations in Complex Terrain)

10:00-10:30: Break

Session 2: Chair – Eric Pardyjak

10:30-10:50: Z. Pu (Predictability and data assimilation with observations during MATERHORN field campaigns)

10:50-11:10: S. Hoch (Multi-scale flow interactions)

11:10-11:30: Tina Katopodes Chow (LES modeling)

11:30-11:50: Z. Silver, R. Dimitrova and T. Zsedrovits (High Resolution Modeling for MATERHORN Field Campaign)

11:50-12:10: T. Pratt (Polarimetric Characterization of Microwave Reflections for Local and Field-Scale Remote Sensing of Soil Moisture)

12:10-12:30: Dale Lawrence (Data Hawk Observations)

Lunch:

12:30-2:00: Lunch (Hesburgh and Joyce Dining Rooms, Morris Inn; Compliments of Wayne and Diana Murdy Family Fund)

Remarks: Dean Peter Kilpatrick, Dean of Engineering, University of Notre Dame

Session 3: Chair - Tina Katopodes Chow

2:00-2:15: L. Leo/S. DiSabatino (Katabatic Flows)

2:15-2:30: Pat Dunn Fog Aerosol Sampling System (FASS)

2:30-2:50: E. Kit/C. Hocut (Technology Development: Results of Combo Probes)

2:50-3:10: Y. Wang (Lidar Deployment in Materhorn)

3:10-3.30: Dragan Zajic/John Pace (Experiences with using GMAST for Materhorn)

3:30-4.00: Break

Session 4: Session Chair – S. DeWekker

4:00-4:15: Vigneshwaran Kulandaivelu (Near Surface Hot Wire Measurements)

4:15-4:30: Sandip Pal (Characterization of the spatio-temoral variability of the ABL depths observed during MATERHORN-X 1)

4:30-4.45: Michael Thompson (Smoke release experiments)

5:45-5:00: Jingyi Bao and Tina Katopodes Chow (LES for complex terrain)

5:15-6:00: Advisory Committee comments (John Pace, Vanda Grubišić, Dave Emmit)

 Publication Policy of DPG Data – John Pace

7:15: Reception/Dinner