

**MPEX Workshop : Dec. 13,14 2012
(NCAR: FL1 EOL Atrium)**

Thursday, Dec. 13:

1:00 PM: Introduction: Morris Weisman

1:10 PM Upsonde Update: (Jeff Trapp)

1:30 PM Aircraft operations update: (Pavel Romashkin RAF)

2:00 PM Dropsonde Update: (Terry Hock)

2:20 PM PI presentations: (10 min each plus discussion)

Chris Davis/Julie Haggerty: "Mesoscale Analysis Using Microwave Temperature Profiler Data"

Glen Romine: "Realtime Analysis and Forecasts with DART"

Ryan Torn: "Real-time Sensitivity Analysis During MPEX"

3:10 PM Coffee Break

3:30 PM PI Presentations (cont.)

David Dowell/John Brown: "Near-Real-Time Dropsonde Data Assimilation and RAP-HRRR Forecasting"

Jenny Sun: "Impact of Dropsonde and MTP Data on Convective Initiation Using WRFVAR"

Jeff Trapp: "Upscale Impacts of Convection"

Lance Bosart: "High Plains Convection: Diurnally Varying Mesoscale-Synoptic Scale Interactions over Complex Terrain during MPEX"

Russ Schumacher: MPEX soundings for the analysis and prediction of heavy precipitation

4:45 PM Mission planning:

-Case selection criteria
-Decision-making timeline
- Forecast process
-targeting strategies, etc.

Retrospective case #1

6:00 PM End for the day

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Friday, Dec. 14:

8:00 AM Bagels, cream cheese, pastries, etc.

8:15 AM Mission planning (cont.): Retrospective cases #2, #3

9:30 AM Personnel needs: staffing, functions, etc.

10:00 AM Coffee Break

10:30 AM Field Catalogue: (Greg Stossmeister)

10:50 AM Data and Information Management: Project data policy, etc.
(Steve Williams)

11:10 AM Other observational opportunities: NWS 18 UTC soundings,
profilers, mesonets, ARM, etc.

11:30 AM Education and Outreach

11:50 PM Timeline to Operations: Operations Plan, etc.

12:30 PM Workshop ends

