

AGENDA
MPEX Workshop : Nov. 19,20 2013
(NCAR: FL1 EOL Atrium)

Tuesday Nov. 19:

8:15 AM: Bagels, cream cheese, fruit, etc.

8:30 AM:

Morris Weisman: Intro and Dropsonde Cases Overview (52.5 min)

Jeff Trapp: Upsonde Cases Overview/Purdue Research Plans (37.5 min)

10:00 AM Coffee Break

10:30 AM:

Russ Schumacher: "CSU's MPEX research plans" (20 min)

Dave Stensrud: "Ability of models to reproduce upscale feedback from deep convection" (20 min)

Mike Coniglio: "Impact of MPEX Upsonde Data Assimilation on Short-Term Forecasts of Convection" (20 min)

Kate Young: "Dropsonde Processing and Access" (20 min)

Julie Haggerty, Dave Ahijevych, Chris Davis: "MTP Observations during MPEX" (30 min)

12:20 PM Lunch

1:30 PM:

Tom Galarneau: "MPEX Analyses with Dropsondes" (20 min)

Craig Schwartz and Kevin Manning: "Model Forecast Verification during MPEX" (30 min)

Glen Romine: "Impact of dropsonde observations on predictability of severe convection" (20 min)

Ryan Torn: "Application of Ensemble Sensitivity Analysis to Convective Predictability and Dynamics" (20 min)

3:10 PM Coffee Break

3:40 PM PI Presentations (cont.)

John Brown and David Dowell: "Example of MPEX dropwindsonde observation impact on HRRR forecasts" (20 min)

Lance Bosart: "The eastern Pacific cutoff cyclone: It's subsequent passage across the Rockies and High Plains and its role in the severe weather of 12-13 June" (10 min)

Stan Trier: "Assessing Convective Inhibition with MPEX Soundings" (10 min)

Steve Williams and Greg Stossmeister: "Data Management Update/Field Catalogue" (30 min)

Discussion: Is data suitably accessible? Do we have sufficient analysis tools?

5:10 PM End for the day

6:20 PM Dinner: Agave Mexico Bistro (2845 28th St.)

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Wednesday, Nov. 20:

8:15 AM Pastries, etc.

8:30 AM: Research Discussion/Breakout Groups

- 1) What are the research opportunities (e.g., specific cases, modeling or observational approaches, etc.)
- 2) Are there technical issues to be addressed for progress to be made?

10:00 AM: Coffee Break

10:30 AM: Breakout Group Summaries and General Discussion

11:30 AM: BAMs Article/Future Plans

12:15 PM Workshop ends