**Theme Statement**

DRAFT as of MAY 2, 2011

Meteorologists today face an increasing amount of weather information as our observing and forecasting platforms grow. Surface weather stations can detect small-scale features in our cities and towns. Our numerical weather prediction models run on spatial scales of a few kilometers. Dual-polarization weather radar makes discerning between different types of precipitation easier. Geostationary weather satellites of the future will collect data over the entire hemisphere every five minutes. How do we synthesize the increasing number of data sets without missing those critical pieces of information?

At the same time, the public has adopted new personal technologies to keep in communication with the world. How can the tools of the future be leveraged to get the word out about changing weather conditions? Can we better tailor forecasts and warnings to a specific location? Can we keep them updated and accurate? Can we invoke action which saves property and lives?

The theme of the 2012 annual meeting of the National Weather Association is "*Synthesizing Weather Information for Society: From Observations to Action across our Communities*". Today's meteorologists understand that the best forecast means collaborating with weather partners in education, emergency management, government, research, and broadcast media. At this year's meeting, we welcome the breadth of the professional community to explore the emerging technologies, ideas, and science that not only allow us to improve our forecasts but tune the message to our customers.

**Main Agenda**

DRAFT as of MAY 2, 2011

**Monday – 18 talks**

8:15 AM - 8:30 AM Welcome to Meeting and Announcements

8:30 AM - 9:00 AM Keynote Speaker – Louis Uccellini, NCEP (Proposed)

9:00 AM - 10:00 AM Session (4 talks) - Weather Analysis and Forecasting, NWP I

10:00 AM - 10:30 AM Break

10:30 AM - 11:45 AM Session (5 talks) - Remote Sensing/Radar I

11:45 AM - 1:15 PM Break for Lunch

1:00 PM - 1:15 PM Weather Briefing

1:15 PM - 2:00 PM Session (3 talks) - Remote Sensing: Radar II (8 talks total)

2:00 PM - 2:30 PM Poster Session Summary

2:30 PM - 3:30 PM Poster Session and Break

3:30 PM - 5:00 PM Session (6 talks) - Severe Storms, Tornadoes, Lightning I

**Tuesday – 18 talks**

8:15 AM - 8:30 AM Weather Briefing

8:30 AM - 9:00 AM Keynote Speaker – Tom Skilling, WGN (Proposed)

9:00 AM - 10:00 AM Session (4 talks) - Social Media, Customer Service (4 talks total)

10:00 AM - 10:30 AM Break

10:30 AM - 11:45 AM Session (5 talks) - Decision Support Services, Warning Operations (5 talks total)

11:45 AM - 1:15 PM Break for Lunch

1:15 PM - 2:15 PM Town hall Meeting (Theme-oriented topic?)

2:15 PM - 3:00 PM Session (3 talks) - Remote Sensing: Satellite I

3:00 PM - 3:30 PM Break

3:30 PM - 5:00 PM Session (6 talks) - Remote Sensing: Satellite II (9 talks total)

**Wednesday – 15 talks**

8:15 AM - 8:30 AM Weather Briefing

8:30 AM - 9:00 AM Keynote speaker – TBA (Pending Sponsorship)

9:00 AM - 10:00 AM Session (4 talks) - Emerging Technologies (4 talks total)

10:00 AM - 10:30 AM Break

10:30 AM - 11:30 AM Session (4 talks) - AWIPS Migration (Pending Sponsorship, 4 talks total)

11:30 AM - 1:30 PM Break for Lunch - Awards Ceremony

1:30 PM - 2:00 PM Session (1 talk) - Weather Review of 2012 (1 talk total, Carbin)

2:00 PM - 2:30 PM Poster Session Summary (1 minute summary of each poster)

2:30 PM - 3:30 PM Poster Session and Break

3:30 PM - 5:00 PM Session (6 talks) - Extreme Weather, Historical Weather, Climatology

(6 talks total)

**Thursday – 21 talks**

8:15 AM - 8:30 AM Weather Briefing

8:30 AM - 9:00 AM Keynote speaker – TBA (FEMA?, Wisconsin Emergency Management?)

9:00 AM - 10:00 AM Session (4 talks) - Severe Storms, Tornadoes, Lightning II (10 talks total)

10:00 AM - 10:30 AM Break

10:30 AM - 11:45 AM Session (5 talks) - Hydrology, Heavy Rain, Flooding (5 talks total)

11:45 AM - 1:15 PM Break for Lunch

1:15 PM - 2:15 PM Session (4 talks) - Weather Analysis and Forecasting, NWP II (8 talks total)

2:15 PM - 3:00 PM Session (3 talks) - Tropical and Marine Weather (3 talks total)

3:00 PM - 3:30 PM Break

3:30 PM - 4:15 PM Session (3 talks) - Winter Weather (3 talks total)

4:15 PM - 4:45 PM Session (2 talks) - Droughts and Fire Weather (2 talks total)

4:45 PM - 5:00 PM Closing Comments and Adjourn

**Statistics:**

Allowed for 72 total oral presentations, 35 in major categories (10 for Severe Weather, 9 for Satellite, 8 for Radar, 8 for Weather and Forecasting), 13 in theme categories (4 for Social Media, 5 for Decision Support, 4 for Emerging Technologies), 20 in ancillary categories, and 4 in sponsored categories