

Final Agenda

HIWPP Science Team Meeting

April 21-23, 2015, AOML, Miami

All times are EDT

Tuesday, April 21 – Morning

09:00-09:20 **Welcome to HIWPP Participants**
(Frank Marks and S. Gopalakrishnan)

09:20-09:45 **Introductions, Project Status, and Updates**
Meeting purposes and objectives; Open Data participation; HPC
(Tim Schneider and Bonny Strong)

09:45-10:45 **Waltz through the Milestones - Project reports**
(Bonny Strong)

10:45-11:00 *Break*

11:00-12:00 **NGGPS**
(Steve Warren)

12:00-01:00 *Lunch*

Tuesday, April 21 - Afternoon

01:00-01:15 **Plenary**

01:15-02:30 **Self-organized breakouts**

Time for discussion and interaction with colleagues

02:30-03:00 *Break and Group Photo*

Focus on Hurricanes

03:00-03:20 **Modeling, Observations, and DA for
High Resolution Hurricane Predictions**
(Robert Rogers)

03:20-03:40 **NMMB/NEMS for Hurricanes**
(Vijay Tallapragada and Lin Zhu)

03:40-04:00 **Moving Hurricane Nests**
(S. Gopalakrishnan and Thiago Quirino)

04:00-04:30 **NMME update**
(Ben Kirtman)

04:30-05:00 **Wrap-up for day 1**
(Tim Schneider)

Wednesday, April 22 - Morning

09:00-09:15 **Recap of day 1**
(Tim Schneider)

Focus on Verification

09:15-9:45 **Progress and Plans for HIWPP Verification**
Review of Intermediate System and plans for Advanced System
(Steve Weygandt and Tim Schneider)

09:45-10:15 **HIWPP Verification discussion**
Attributes of Advanced System
(Steve Weygandt and Tim Schneider)

10:15-10:30 *Break*

10:30-12:00 **Self-organized breakout sessions**
Time for discussion and interaction with colleagues

12:00-01:00 *Lunch*

Wednesday, April 22 – Afternoon

Focus on Ensembles

01:00-01:25 Ensemble Performance and Post-Processing with New GFS Model
(Yuejian Zhu and Wei Li)

01:25-01:45 Stochastic Physics
(Jeff Whitaker)

Focus on Dycore Testing and HPC

01:45-02:15 **Preliminary 3km Full-physics Results:
FV3 and Comparison of Models**
(Shian-Jiann Lin)

02:15-02:45 **NMM-UJ Overview**
(Misha Rancic)

02:45-03:00 *Break*

03:00-03:30 **NIM Preliminary Results**
(Jin Lee)

03:30-03:55 **Results from AVEC Testing**
(John Michalakes)

03:55-04:15 **HPC and Fine Grain Computing**
(Mark Govett)

04:15-04:45 **Dycore testing open discussion**

04:45-05:00 **Wrap-up** (Tim Schneider)

Evening Group dinner at local restaurant for those interested

Thursday, April 23 - Morning

09:00-09:15 **Recap of day 2**
(Tim Schneider)

09:15-09:45 **Data Assimilation Developments**
(Jeff Whitaker)

09:45-10:15 **Looking forward**
Deliverables at end of project, schedules, handoff
(Tim Schneider)

10:15-10:30 *Break*

10:30-11:00 **Coordination with NGGPS**
(Tim Schneider and Steve Warren)

11:00-12:00 **Wrap-up & Open Discussion**
(Tim Schneider)
Plans for next meeting; outstanding issues