

**First OLYMPEX Planning Meeting
Waterfront Activity Center, University of Washington
November 18-20, 2013**

AGENDA

Monday, 18 November, Morning:

8:30 Overview of GPM and OLYMPEX—Session Chair **Bob Houze**

- 8:30 Opening Remarks & Introductions – **Lynn McMurdie**
- 8:40 GPM goals – **Gail Jackson**
- 9:00 GV principles and time frame for OLYMPEX – **Walt Petersen**
- 9:15 Programmatic concerns and issues – **Matt Schwaller**
- 9:30 Overview and objectives of OLYMPEX – **Robert Houze**
- 10:00 Discussion

10:30 Coffee Available

10:30 Overview of OLYMPEX venue—Session Chair **Lynn McMurdie**

- Climatology
- Suitability for addressing OLYMPEX goals
- Existing instrumentation
- Site surveys (with help from **Cifelli/Petersen**)

11:30 Discussion existing venue & identification of gaps—Session Chair **Lynn McMurdie**

12:00 – 1:00 Lunch

Monday, 18 November, Afternoon

1:00 Regional Agencies—Session Chair **Lynn McMurdie**

- 1:00 National Park Service – **Bill Baccus**
- 1:15 US Forest Service -- **??**
- 1:30 Natural Resources Conservation Service – **Scott Pattee/ Melissa Webb**
- 1:45 Quinault Nation – **Dave Bingaman/Lynn McMurdie**
- 1:55 National Weather Service– **Kirby Cook**
- 2:00 Discussion

2:15 NASA Infrastructure to be added to existing OLYMPEX venue

- 2:15 **Walt Petersen** (Rain Gauges, Radar, Snow, Aircraft)

3:00 Coffee Available

3:00 Other Possible US and Canadian Agencies Involvement— Session Chair [Robert Houze](#)

- 3:00 NOAA – [Cifelli](#)
- 3:15 NCAR – [Thompson](#)
- 3:30 Other potential NASA programs ACE – [Marchand](#)
- 3:45 Other potential NASA programs EV-2 – [Braun](#)
- 4:00 California – [Ralph](#)
- 4:15 Canadian Involvement – [Hudak/Milbrant](#)
- 4:45 NSF – [Geerts/Yuter/Colle](#)
- 5:00 DOE – [Leung](#)

Evening, Group Dinner (time and place TBD)

Tuesday, November 19, Morning

8:30 Ground network design: Critical instruments and platforms—Chair [Robert Houze](#)

- 8:30 Radars—[Rutledge](#), [Kirshbaum](#) or [Kollias](#), [Yuter](#), [Cifelli](#)
 - Contribution to OLYMPEX objectives
 - Scanning & vertically pointing
 - Siting considerations
- 9:30 Rain Gauges—[McMurdie](#) and [Lettenmaier](#)
 - Essential Sites
 - Types of Gauges

10:00 Coffee Break

- 10:30 Snow Measurements—[Rasmussen](#), [Lundquist](#), [Baccus](#), [Pattee](#), [Petersen](#)
 - Types of measurements
 - Essential Sites
- 11:30 Soundings—NWS, [Lynn McMurdie](#)

12:00 – 1:00 Lunch

Tuesday, November 19, Afternoon

1:00 Modeling component:

UW forecasting infrastructure available to the project

- 1:00 UW real time WRF system—[Cliff Mass](#)
- 1:15 UW Hydrologic model & coupling with WRF—[Lettenmeier](#) or [Lundquist](#)

1:30 Aircraft observations—Session Chair [Robert Houze](#)

Types of aircraft & flight operations to achieve OLYMPEX objectives

- 1:30 GPM/GV aircraft—[Jensen](#), [A. Heymsfield](#)
 - DC 8 (radar, passive microwave, dropsondes?)

—Citation (microphysics)
1:45 ER2 – **Marchand, Mace**
2:00 Global Hawk—**Braun**
2:15 King Air—**Geerts/Yuter**
2:30 G1—**Leung**
2:45 Other—**Thompson** (to be presented on Monday)

3:00 Coffee Available

3:00 Potential a/c flight tracks & staging

4:00 Operations Center—Discussion led by **Robert Houze**

What decisions need to be made in real time:
Where located?
How many people?
What infrastructure? Other?

Wednesday, November 20, morning

8:30 Website development—Stacy Brodzik****

Pre-field support
Field operations
Data acquisition

9:00 Data policy and plan—Robert Houze****

9:30 Open discussion—Robert Houze****

10:30 Coffee Available

Action items—Robert Houze****

Instruments to be acquired
Soundings and dropsondes
Platforms to be acquired
Site locations for final data network
Data flow
Logistics—power, site maintenance, data
Flight tracks and flight coordination
Science plan
Next meeting

12:00 Adjourn

Rapporteurs: Brodzik, Rasmussen, Rowe, Zuluaga