

Building New Worlds, New Horizons: New Science from Sub-millimeter to Meter Wavelengths

March 7-10, 2011
Eldorado Hotel
Sante Fe, New Mexico

<http://science.nrao.edu/newscience>

Early Registration and Hotel Room Block
Ends February 4, 2011

The focus of this workshop is to understand:

- How sub-millimeter to meter wavelength initiatives will have an impact on the science program described in Chapter 2 of the Astro2010 Decadal Report, "New Worlds, New Horizons in Astronomy & Astrophysics"
- The impact of the "New Worlds, New Horizons" Report on various proposed sub-millimeter to meter wavelength initiatives
- How instruments at other wavelengths will complement sub-millimeter to meter wavelength facilities

Scientific Organizing Committee (SOC)

Andrew Baker (Rutgers U.)
Claire Chandler (NRAO)
Dale Frail (NRAO) co-chair
Joseph Lazio (NRAO) co-chair
Scott Ransom (NRAO)
Tony Readhead (Caltech)
Michael Shull (U. Colorado-Boulder)

Local Organizing Committee (LOC)

Tim Bastian (NRAO)
Crystal Brogan (NRAO)
Chris Carilli (NRAO)
Laurie Clark (NRAO)
Dale Frail (NRAO)
Joseph Lazio (JPL/SPDO)
Steve Myers (NRAO)



Logistical Notes

- Restrooms are out the back, around to the left
- Hotel can provide microwave, humidifier, oxygen
- Parking should be \$18 day⁻¹
- There is another group meeting next door, may lead to restroom capacity issues
- If you are not staying at the hotel, please see Laurie Clark
- For hotel guests, you should find free 'Net access ("Light," still have to pay for "enhanced" service)
- Meeting 'Net access
 - New Science / R4T4
 - Please moderate your use of email, Web browsing, etc.
- Continental breakfast provided every morning, near posters
Also where coffee will be served

Logistical Notes

- Schedule is quite full
Gratifying, but speakers please keep to time so as to allow for discussion
- Please get talks to A/V guys *well ahead* of time
- Discussion questions
 - What is the appropriate balance between large facilities and small experiments?
 - How do we foster the training of young people and increase the size of the community?
 - **Ground rule:** Is there a way to answer these questions other than “more money”?
- Thursday agenda under revision (more discussion?)

Without Whom ...

Sponsors

- Institute for Advanced Study,
Los Alamos National
Laboratory
- Associated Universities, Inc./
National Radio Astronomy
Observatory
- Jet Propulsion Laboratory

People Behind the Scenes

- **Laurie Clark**
Organizer extraordinaire, dealing with hotel,
registration, meals, ...
- **David Halstead, Gene Runion, Josh Malone**
A/V extraordinaire
- **Dong-Chan Kim**
Website, registration
- **Pat Smiley**
Poster, graphic design
- **SOC**
M. Schull, A. Readhead, S. Ransom, D. Frail, C.
Chandler, A. Baker
- **LOC**
S. Myers, D. Frail, L. Clark, C. Carilli, C. Brogan, T.
Bastian

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- Community-wide meeting to discuss the *New Worlds, New Horizons* (Astro2010) science program and RMS observations
 - How will various RMS initiatives (CCAT, FASR, NANOGrav, HERA, ...) impact the *NWNH* science program?
 - How does the *NWNH* science program impact RMS activities?
 - How instruments at other wavelengths complement RMS facilities
- Focus on the science
 - Parallels a "facility" roadmapping activity hosted by AUI
 - **Illustrating that RMS observations are relevant to *NWNH* Science Program provides foundation for future growth**

