



## Steering Committee Meeting

June 10, 2012

Egan Center, Room 6, Anchorage Convention Center

- 8:30 – 9:00      *Socializing, Continental Breakfast, & Welcome* – J. Burns
- 9:00 – 10:00     *Updates from LUNAR-central* – J. Burns
- Overview of Steering Committee Meeting
  - Review of recent meetings at NASA Headquarters
  - Expectations for CAN II for revamped Institute
  - Comments from Greg Schmidt, NLSI Deputy Director
  - Potential Format for NEXSS proposal
- 10:00 – 11:00    *Gravitational Physics & Lunar Structure via LLR* – D. Currie, T. Murphy, Stephen Merkwitz (via telecon)
- 11:00 – 11:15    Break
- 11:15 – 12:15    *Astrophysics Enhanced by Exploration* – J. Lazio et al.
- 12:15 – 12:30    Break to get lunch
- 12:30 – 13:30    *Education & Public Outreach* – D. Duncan & M. Benjamin
- 13:30 – 14:30    *Radio Heliophysics & Space Radiation Physics*– J. Kasper & R. MacDowell
- 14:30 – 15:00    Break
- 15:00 – 16:00    *Exploration Enhanced by Space Science* – J. Burns
- 16:00 – 17:00    *Summary, Discussion, & Action Items* – J. Burns
- Possible comments from Greg Schmidt, NLSI Deputy
- 17:00 – 18:00    Wine & cheese

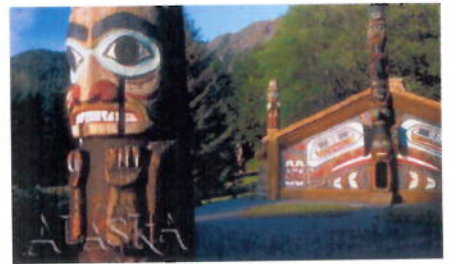
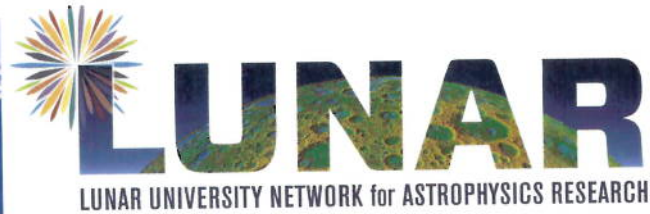
### **Instructions for Remote Dial-in and Adobe Connect:**

The telecon number both days is the same as always:

Telephone: 800-504-8071

Password: 4920963

Adobe Connect: <http://connect.arc.nasa.gov/lunarexec/>



AAS Meeting in Anchorage, AK

Meeting-in-a-Meeting: Three Sessions on

## New Horizons for Science from the Moon: Gravitational Physics, Cosmology, and Radio Heliophysics

*New Horizons for Science from the Moon: Cosmic Dawn, Reionization, & Low Frequency Astrophysics (Chair: Steven Furlanetto, UCLA), Monday, 11 June 2012: 10:00am-11:30am*

- Peng Oh, U. California at Santa Barbara, Dark Ages & EoR theory
- Jonathan Pober, UC Berkeley, The Precision Array to Probe the Epoch of Reionization (PAPER)
- Lincoln Greenhill, Large Aperture Experiment to Detect the Dark Age (LEDA)
- Joseph Lazio, JPL, From Ground to Space: A Roadmap with Robotic & Exploration Elements
- Jack Burns, U. Colorado, A Space-Based Concept: The Dark Ages Radio Explorer (DARE)
- Tracy Clarke, NRL, Galaxy Clusters as an Example of other Low Frequency Astrophysics

*New Horizons for Science from the Moon: Precision Measurements in Gravitational Physics (Chair: Jack Burns, U. Colorado), Monday, 11 June 2012: 2:00pm-3:30pm*

- Sterl Phinney, Caltech - Frontiers in Gravitational Physics
- Maria Zuber, MIT, The GRAIL mission
- Tom Murphy, UC San Diego, Laser Ranging to Lunokhod 1 with APOLLO
- Doug Currie, U. Maryland, The Future of Lunar Laser Ranging
- Giovanni Delle Monache, Laboratori Nazionali di Frascati dell'INFN (LNF)

*New Horizons for Science from the Moon: Heliophysics, Coronal Mass Ejections, & Space Weather (Chair: Joseph Lazio, JPL), Tuesday, 12 June 2012: 10:00am-11:30am*

- Angelos Vourlidas, NRL, STEREO Observations of CMEs
- Kathy Reeves, SAO, Simulations and observations of coronal mass ejections
- Nat Gopalswamy, GSFC, Analysis of CME-associated Radio Bursts from Satellite Observations
- Dan Baker, U. Colorado, Impacts of CME Energized Particles on the near-Earth Environment
- Justin Kasper, SAO, Heliophysics from the surface of the Moon
- Robert MacDowall, GSFC, Deploying and Operating a Radio Array on the Lunar Surface for Solar Burst Imaging

**LUNAR Reception (hors d'oeuvres, beer & wine) – Monday, June 11, 6:30 to 8:30 pm,  
Anchorage Ballroom of Marriott Downtown Hotel**