

# LWA Users Meeting 2014

## Agenda



**Time:** July 10-11, 9:00am – 6:00pm

**Venue:** Woodward Hall room 147 (WH147), UNM - building 82 main campus. Parking: passes are available at no charge from the room. You can park in any lot except residential.

### *Thursday Morning Session on LWA1 Capabilities and Science*

9:00 – 9:05 am	Welcome	Kevin Malloy (UNM)
9:05 – 9:40 am	Observatory Update	Greg Taylor (UNM)
9:40 – 10:10 am	LWA1 Technical Status	Jayce Dowell (UNM)
10:10 – 10:30 am	Break	
10:30 – 10:50 am	LWA1 Beam Calibration	Frank Schinzel (UNM)
10:50 – 11:20 am	Ionospheric Research	Todd Pedersen (AFRL)
11:20 – 11:40 am	Fireballs	Ken Obenberger (UNM)
11:40 – 12:00 pm	Meteor Survey	Sophia Cockrell (UNM)
12:00 – 1:10 pm	Lunch	

### *1st Afternoon Session on Science*

1:10 – 1:30 pm	Sporadic-E and its Ties to E-F Coupling and Meteor Activity	Joe Helmboldt (NRL)
1:30 – 1:50 pm	Solar Bursts	Stephen White (AFRL)
1:50 – 2:10 pm	Jovian Bursts	Chuck Higgins (MTSU)
2:10 – 2:30 pm	Lightning	Mike Stock (NMT)
2:30 – 2:50 pm	Radio Transients and Gravitational Waves: the LWA and LIGO Scientific Collaboration	Mike Kavic (LIU)
2:50 – 3:20 pm	Break	

### *2nd Afternoon Session on Science and Future Instruments*

3:20 – 3:50 pm	Pulsar Survey(s)	Kevin Stovall (UNM)
3:50 – 4:20 pm	RRATs	Maura McLaughlin (WVU)
4:20 – 4:40 pm	LEDA Update	Danny Price (CfA)
4:40 – 5:00 pm	VLITE	Namir Kassim (NRL)
5:00 – 5:20 pm	LoFASM	Rick Jenet (UTB)
5:20 – 5:30 pm	The Lunar Energetic Astro-Particle Experiment	Quincy Wofford (KU)
5:30 – 6:00 pm	Discussion	

6:30pm Dinner at Monroe's 1520 Lomas Blvd 87104, phone: 505-242-1111

## *Friday Morning Session on Science and Future Instruments*

9:00 – 9:20 am	LWA-OVRO Calibration and Imaging	Stephen Bourke (Caltech)
9:20 – 9:40 am	LWA-OVRO status and expansion	Gregg Hallinan (Caltech)
9:40 – 10:00 am	LSL	Jayce Dowell (UNM)
10:00 – 10:20 am	Break	
10:20 – 10:40 am	An Experimental Permanently-Installed Broadband VHF-Low Feed System for the VLA	Steve Ellingson (VT)
10:40 – 11:00 am	Future of LWA	Greg Taylor (UNM)
11:00 – 11:45 am	Discussion	
12:00 – 1:10 pm	Lunch	
1:10 - 4:00 pm	Splinter meetings and LSL data reduction tutorials (contact Jayce - <a href="mailto:jdowell@unm.edu">jdowell@unm.edu</a> )	

### Contact Information:

Greg Taylor 505-270-2929 (cell)

Web page for video access: <http://mtsms.unm.edu/Mediasite/Catalog/Full/485eef60aae4051875444e9d9f6087321>

### Participants:

Stephen Bourke (Caltech)  
Sophia Cockrell (UNM)  
Pat Crane  
Louis Dartez (UTB)  
John Dickel (UNM)  
Lanie Dickel (UNM)  
Jayce Dowell (UNM)  
Nick Elias (OAM Solutions)  
Steve Ellingson (VT)  
Dale Frail (NRAO)  
Caleb Grimes (UNM)  
Lincoln Greenhill (CfA)  
Gregg Hallinan (Caltech)  
Trish Henning (UNM)  
Andres Hernandez (UTB)  
Chuck Higgins (MTSU)  
Rick Jenet (UTB)  
Namir Kassim (NRL)  
Mike Kavic (LIU)

Amanda Larracuente (LIU)  
Michael McCracken (UNM)  
James Murray (UTB)  
Steve Myers (NRAO)  
Ken Obenberger (UNM)  
Todd Pedersen (AFRL)  
Ylva Pihlstrom (UNM)  
Danny Price (CfA)  
Lee Rickard  
Frank Schinzel (UNM)  
Mike Stock (NMT)  
Kevin Stovall (UNM)  
Greg Taylor (UNM)  
Morgan Wilt (UNM)  
Stephen White (AFRL)  
Quincy Wofford (Kansas)

### Attending by video:

Aaron Golden (YU)  
Maura McLaughlin (WVU)  
Victor Herrero

Joe Helmboldt (NRL)  
Brian Hicks (NRL)  
Emil Polisensky (NRL)  
Paul Ray (NRL)