



## LWA Users Meeting Agenda



**Time:** Thursday, Aug 1, 9:00am – 5:00pm; Friday, Aug 2, 9:00am-5:00pm

**Venue:** Dane Smith Hall room 120 - building 48 UNM central campus, Albuquerque, NM

### *Thursday Morning Session on LWA Science, Jupiter, and Outreach (Chair: Tracy Clarke)*

9:00 – 9:10 am	Welcome to UNM	Trish Henning
9:10 – 9:30 am	Welcome and Goals	Greg Taylor
9:30 – 10:00 am	LWA Technical Status	Jayce Dowell
10:00 – 10:20 am	LWA Science Overview	Namir Kassim
10:20 - 10:50 am	Break	
10:50 – 11:10 am	Jupiter radio CubeSat and its collaboration with LWA	Kazumasa Imai
11:10 – 11:30 am	Radio Jove and Citizen Science	Chuck Higgins
11:30 — 11:50 am	LWA Antennas Around the World	Whit Reeve
11:50 – 1:10 pm	Lunch (at the SUB)	

### *1st Afternoon Session on the Ionosphere and Meteors (Chair: Namir Kassim)*

1:10 – 1:30 pm	LWA as a pulsed radar receiver	Ken Obenberger
1:30 – 1:50 pm	Ray tracing the ionosphere	Joe Malins
1:50 – 2:10 pm	Observations of Ionospheric Magnetic Field Fluctuations with the LWA Interferometer	Joe Helmboldt
2:10 – 2:30 pm	LWA Observations of Meteors	Savin Varghese
2:30 – 3:00 pm	Break	

### *2nd Afternoon Session on Pulsars and Transients (Chair: Joseph Lazio)*

3:00 – 3:20 pm	Prospects for the LWA-Swarm for Pulsars, Gravitational Waves, and Student Research	Tim Dolch
3:20 – 3:40 pm	LWA observations of pulsar scattering	Karishma Bansal
3:40 – 4:00 pm	Discovery of a Pulsar Wind Nebula around B0950+08	Dilys Ruan
4:00 – 4:20 pm	Galactic Compact Objects and Transients	Tom Maccarone
4:20 – 4:40 pm	Echoes from the Crab Pulsar	Pratik Kumar
4:40 – 5:00 pm	Searching for prompt emission from binary neutron star mergers with the LWA	Mike Kavic
5:00 – 5:30 pm	Discussion	

6:00 pm Reception at Physics and Astronomy, 1919 Lomas Blvd NE, building 207, UNM campus

*Friday Morning Session on Instrumentation and Prospects (Chair: Greg Taylor)*

9:00 – 9:20 am	EPIC	Nithya Thyagarajan
9:20 – 9:40 am	OVRO-LWA Update and Plans	Marin Anderson
9:40 – 10:00 am	VLITE	Tracy Clarke
10:00 – 10:20 am	Expanded LWA	Frank Schinzel
10:20 – 10:50 am	Break	
10:50 – 11:10 am	Chasing Cosmic Dawn	Chris DiLullo
11:10 – 11:30 am	The Search for Coherent Emission from Exoplanets	Joseph Lazio
11:30 – 11:50 am	LWA Future	Greg Taylor
11:50 – 12:10 pm	Discussion	
12:10 – 1:30 pm	Lunch (at the sub)	

*Friday Afternoon Tutorials (Chair: Jayce Dowell)*

2:00 - 5:00 pm            Low Frequency Tutorials (Regener Hall room 118)

*Saturday morning tour of LWA-SV.* Meet in Physics and Astronomy parking lot at 8:00am. We will return before noon. Bring sturdy shoes, hat, and water.

Contact Information:

Greg Taylor 505-270-2929 (cell)

Participants:

Marin Anderson (Caltech)	Joe Lazio (JPL)
Karishma Bansal (UNM)	Natalia Lewandowska (NRAO)
Seth Bruzewski (UNM)	Tom Maccarone (TTU)
Tom Callister (Caltech)	Sashabaw Niedbalski (Hillsdale)
Tracy Clarke (NRL)	Ken Obenberger (AFRL)
Pat Crane (Socorro)	Mike Parker (Tucson)
Eugene Dao (AFRL)	Todd Parris (AFRL)
John Dickel (UNM)	Todd Pedersen (AFRL)
Lanie Dickel (UNM)	Kathryn Plant (Caltech)
Chris DiLullo (UNM)	Whit Reeve (SARA)
Tim Dolch (Hillsdale)	Marialis Rosario-Franco (Rice/NRAO)
Jayce Dowell (UNM)	Dilys Ruan (UNM)
Alexander Dulemba (Hillsdale)	Frank Schinzel (NRAO)
Dale Frail (NRAO)	Shane Smith (Hillsdale)
Andri Gretarsson (ERAU)	Mark Stanley (NMT)
Chuck Higgins (MTSU)	Greg Taylor (UNM)
Yuping Huang (Caltech)	Nithya Thyagarajan (NRAO)
Joe Helmboldt (NRL)	Savin Varghese (UNM)
Trish Henning (UNM)	Stephen White (AFRL)
Jeff Holmes (AFRL)	
Kazumasa Imai (Kochi)	
Namir Kassim (NRL)	
Mike Kavic (SUNYOW)	
Pratik Kumar (UNM)	