LROSE & TITAN WORKSHOP

WEATHER MODIFICATION ASSOCIATION
2026 ANNUAL CONFERENCE

RENO, NEVADA | APRIL 28, 2026

Secure your spot for the LROSE & TITAN Applications Workshop!

This full-day workshop will focus on the Lidar Radar Open Software Environment (LROSE) and the TITAN storm-tracking system, with applications spanning weather-modification operations, radar analysis, and program evaluation.

The programme will be led by Dr. Mike Dixon (National Center for Atmospheric Research, NCAR), principal architect and long-time lead developer of LROSE and TITAN, Prof. Roelof Burger (North-West University), who has extensive experience applying LROSE/TITAN in field campaigns, radar network support, and evaluation studies across Africa and the Middle East, and Adam Brainard (Weather Modification International), who has significant experience creating and leveraging TITAN systems for operational cloud seeding programs in Canada, Argentina, India, Kingdom of Saudi Arabia, and the U.S.

THE DAY WILL COMBINE:

- Technical overviews of LROSE and TITAN
- Practical examples from operational seeding and radar programs
- Forward-looking discussions on dual-polarization radar, AI-assisted nowcasting, and seeding evaluation
- Interactive dialogue on current challenges, operational needs, and future development priorities

A key aim of this event is to engage directly with the atmospheric science and radar community to understand real-world challenges and priorities, helping ensure future LROSE developments are aligned with operational and research needs and deliver maximum impact.

Who Should Attend?

This workshop is open to professionals and students with an interest in radar meteorology, atmospheric research, operational forecasting, data analysis, or software development — *attendance is not limited to weather-modification practitioners.*

Help Shape the Workshop Content!

Ahead of the workshop, the instructors are seeking input from the community to better understand experience levels, priorities, and desired topics.

Please take a few minutes to complete this short survey:
https://forms.gle/UdiFngv5zafF3TnF8

Survey responses will help ensure the workshop agenda is focused, relevant, and impactful.

Registration & Pricing

	Early Registration 15 Feb - 15 Mar	After 15 Mar
Member	$175	$200
Non-Member	$225	$250
Student	$125	$150

Registration includes full-day instruction, computing support, lunch, and refreshments. Space is limited to 30 participants, early registration is recommended!

MAR 15

LAST DAY EARLY BIRD WORKSHOP PRICING

For all questions please contact board@weathermod.org

Image courtesy of Adam Brainard.