

Radar Science Report

- Enhance communication
 - Face to face meetings with the DOE Labs (BNL, ANL, PNNL)
- Introduce TRELLO
 - A web-based interface for posting, capturing and discussing data issues
- Organize Radar IOPs
 - Discuss the outcome of NSA IOP
 - Fall IOP evaluating SACR scan strategy
 - Radar Doppler spectra IOP
- ARM Radar Prioritization
 - Balanced approach between science and logistical/operational limitation
- Integrate radar scientists and engineers at the radar node



Radar Science Breakout Session I: Microphysical Process Fingerprinting Using Radars

(Chairs: Zhe Feng and Matt Kumjian)



Radar observations can be used to identify the "fingerprints" of particular cloud and precipitation processes dominating the PSD evolution. The targeted study of such microphysical "fingerprints" may lead to improved understanding of these processes and could offer great value for the modeling community.

Wednesday 8:30 – 10:00 am

Radars Science Breakout Session II: **Radars Simulators**

(Chairs: Courtney Schumacher and Silke Troemel)



We see a clear demand to document all available radar forward models including their availability, complexity, format and documentations. Do you agree on that and would you support such an activity with your input?

In which scientific field/application do you see the need for radar forward operators from your perspective and what are your requirements regarding the complexity of the radar forward operators?

Wednesday 3:45 – 5:30 pm