

2020 ARM/ASR Joint User Facility and Principal Investigator Meeting

“Virtual” Meeting Agenda

June 23 – June 26, 2020

**All Times Eastern Daylight Time**

Tuesday, June 23

11:00 am – 1:00 pm **Plenary Session - Programmatic Updates**

**Registration:** [https://zoom.us/webinar/register/WN\\_2dXPeH80SBCFuzA8-c3PFQ](https://zoom.us/webinar/register/WN_2dXPeH80SBCFuzA8-c3PFQ)

Introduction & Logistics for Virtual Meeting

Welcome & Introductory Remarks – BER Management

ASR Programmatic updates – Shaima Nasiri & Jeff Stehr

ARM Programmatic updates – Sally McFarlane & Rick Petty

ARM Technical Director updates – Jim Mather

Cloud Chamber workshop report – Raymond Shaw

1:00 – 2:00 pm break

2:00 – 4:00 pm **Plenary Session**

Early Career Award talk – Pierre Gentine

ARM Awards

ARM Decadal Vision Discussion – Jim Mather

Wednesday, June 24

11 am – 1:00 pm **Plenary Session - Poster/Research Talks**

Global Aerosol Synthesis and Science Project (GASSP) – Ken Carslaw (U. Leeds)

Revisiting dry deposition of particles in the atmosphere – Delphine Farmer (Colorado State University)

Polar “Opposites” in Aerosol Seasonal Cycles: Particle Chemical Composition in the Arctic and Antarctic – Lynn Russell (Scripps)

The ARM Data-oriented Metrics and Diagnostics Package for Climate Model – Chengzhu Zhang (LLNL)

Developing an ARM-EMSL Joint Capability via TBS deployment – Fan Mei (PNNL)

Ice number concentration retrievals from ground-based polarimetric radar as vehicle for studying secondary ice production in mixed-phase clouds – Nicholas Kedzuef (Colorado State University)

Using ARM Observations to Evaluate Process-Interactions in MCS Simulations Across Scales –  
Andreas Prein (NCAR)

1:00 – 2:00 pm break

2:00 – 4:00 pm           **Breakout Session 1**

LASSO Expansion Plans: Deep convection during CACTI (William Gustafson)

**Registration:** [https://zoom.us/webinar/register/WN\\_mkHz7wAxSlaHpMj-AS5FqA](https://zoom.us/webinar/register/WN_mkHz7wAxSlaHpMj-AS5FqA)

ARM Aerial Instrumentation Update and Discussion (Beat Schmid)

**Registration:** [https://zoom.us/webinar/register/WN\\_FzLMzo--SyYa69EwCBXBRQ](https://zoom.us/webinar/register/WN_FzLMzo--SyYa69EwCBXBRQ)

Shortwave-absorbing aerosols and their interactions with the large-scale environment (Paquita Zuidema)

**Registration:** [https://zoom.us/webinar/register/WN\\_JAER34F8Q66cQaroMs2u7Q](https://zoom.us/webinar/register/WN_JAER34F8Q66cQaroMs2u7Q)

Thursday, June 25

11 am – 1:00 pm           **Breakout Session 2**

Advance Atmospheric Process Studies in High-Altitude Complex Terrain with the Surface  
Atmosphere Integrated field Laboratory (SAIL) Campaign (Daniel Feldman)

**Registration:** [https://zoom.us/webinar/register/WN\\_mhp02THLQT6IIAj4\\_iKHIA](https://zoom.us/webinar/register/WN_mhp02THLQT6IIAj4_iKHIA)

Aerosol and Cloud Experiments in the Eastern North Atlantic (Jian Wang)

**Registration:** [https://zoom.us/webinar/register/WN\\_fgOPdsVrR3SXHVA4OKVfaQ](https://zoom.us/webinar/register/WN_fgOPdsVrR3SXHVA4OKVfaQ)

Pairing SCM/LES and GCM/ESM for observation-guided model development (Ann Fridlind)

**Registration:** [https://zoom.us/webinar/register/WN\\_JGafYCsQieae6w9dJNXSA](https://zoom.us/webinar/register/WN_JGafYCsQieae6w9dJNXSA)

1:00 – 2:00 pm break

2:00 – 4:00 pm           **Breakout Session 3**

AMF3 Southeast United States Deployment (Chongai Kuang)

**Registration:** [https://zoom.us/webinar/register/WN\\_cgbwJgyCTD-Ax8vQ1j5PCQ](https://zoom.us/webinar/register/WN_cgbwJgyCTD-Ax8vQ1j5PCQ)

COMBLE and high-latitude clouds over open water (Bart Geerts)

**Registration:** [https://zoom.us/webinar/register/WN\\_MMs5OrvFTwWY36IFzXTsfQ](https://zoom.us/webinar/register/WN_MMs5OrvFTwWY36IFzXTsfQ)

Friday, June 26 – Working Group Sessions

11 am – 1:00 pm           **Working Group Session 1**

Aerosol Processes (Nicole Riemer & Jim Smith)

**Registration:** [https://zoom.us/webinar/register/WN\\_9fLhbSCSSv2H-ilYyENHdg](https://zoom.us/webinar/register/WN_9fLhbSCSSv2H-ilYyENHdg)

Convective Processes (Adam Varble & Hugh Morrison)

**Registration:** [https://zoom.us/webinar/register/WN\\_dyV3BkbSRV6CgHtsi7Do5w](https://zoom.us/webinar/register/WN_dyV3BkbSRV6CgHtsi7Do5w)

1:00 – 2:00 pm break

2:00 – 4:00 pm           **Working Group Session 2**

High Latitude Processes (Gijs de Boer and Greg McFarquhar)

**Registration:** [https://zoom.us/webinar/register/WN\\_D0vsJP3-R7uwmID-ZF7KWQ](https://zoom.us/webinar/register/WN_D0vsJP3-R7uwmID-ZF7KWQ)

Warm Boundary Layer Processes (Yunyan Zhang and Rob Wood)

**Registration:** [https://zoom.us/webinar/register/WN\\_rC9MhQ88QsCrmIBNdNx04w](https://zoom.us/webinar/register/WN_rC9MhQ88QsCrmIBNdNx04w)