ARM Summer Training Schedule

Time	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24
8:30-10:00	Welcome, introduction & logistics	L+Q: Herman Russchenberg	SGP visit	L+Q: Virendra Ghate	Free day	L+Q: Matthew Kumjian	L+Q: Ewan O'Connor	L+Q: David Mechem	L+Q: Allison McComiskey	Working Group final presentations
10:00-10:30	Introductory Lectures	Break		Break		Break	Break	Break	Break	Break
10:30-12:00		L+Q: David Turner		L+Q: Thijs Heus		L+Q: Pavlos Kollias	L+Q: Kerstin Ebell	L+Q: Edward Luke	L+Q: Susanne Crewell	Working Group final presentations
12:00-13:30	Lunch	Lunch		Lunch		Lunch	Lunch	Lunch	Lunch	Lunch
13:30-15:30	Description of the Working Groups	L: Jim Mather + Group Work		Group Work		Group Work	Group Work	Group Work	Group Work	Adjourn
15:30-16:00	Break	Break		Break		Break	Break	Break	Break	
16:00-18:00	World Café (Ice-breaker)	Group Work		Sport Activity		Sport Activity	Group Work	Sport Activity	Group Work	
18:30-20:00	Dinner	Dinner		Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner

ARM CLIMATE RESEARCH FACILITY

SUMMER TRAINING

July 15, 2015 – July 24, 2015 | National Weather Center, Norman, Oklahoma

U.S. DEPARTMENT OF ENERGY | Office of Science

Instructor's Lecture Titles

Instructor	Lecture title
Ewan O'Connor	Diagnosing Boundary Layer properties from Remote-sensing observations
Virendra Ghate	Cloud and Clear Boundary Layers
Allison McComiskey	Aerosol Radiative Forcing in Clear and Cloudy Skies
David Turner	Passive Longwave Remote Sensing of Clouds, Thermodynamics, and More
Susanne Crewell	How will the future observational system develop? A journey from ground to space
Kerstin Ebell	Liquid cloud properties from ground-based remote sensing: Still need for research?
Pavlos Kollias	Radar Observations of Clouds
Edward Luke	Observing the microphysics and dynamics of warm clouds and precipitation with radar Doppler spectra
Herman Russchenberg	Precipitation Microphysics Studies Using Radars
Matthew Kumjian	Using Polarimetric Radar to Take Microphysical Fingerprints in Precipitation
Thijs Heus	Large Eddy Simulations: Where models and observations collide
David Mechem	Representing microphysical processes in cloud models