

RADAR AEROECOLOGY

SHORT COURSE ORGANIZER

Phillip B. Chilson

Sunday 13 September

8:30 A.M. Welcome and Introductions, Phil Chilson

8:40 A.M. Broad Ecological Perspectives, Jeff Kelly

9:10 A.M. Radar Technologies for Aeroecology, Phil Chilson

9:40 A.M. Introduction to Analysis Tools, Kyle Horton

10:00 A.M. Coffee Break

10:30 A.M. Hands-On Demonstration – Working with Data

11:00 A.M. Radar Polarimetry and Application to Insects, Valery Melnikov

11:30 A.M. Radar Polarimetry and Application to Bird Migration, Kyle Horton

12:00 P.M. Open Discussion and Wrap Up, Phil Chilson

12:30 P.M. End

Presenters:

Phillip B Chilson: School of Meteorology & Advanced Radar Research Center, University of Oklahoma

Jeffrey F. Kelly: Oklahoma Biological Survey (Director) & Department of Biology, University of Oklahoma

Kyle G. Horton: Department of Biology & Advanced Radar Research Center, University of Oklahoma

Valery Melnikov: Cooperative Institute for Mesoscale Meteorological Studies, University of Oklahoma & National Severe Storms Laboratory, NOAA

Jeffery J. Buler: Wildlife Ecology, University of Delaware (not attending)