

## **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)