

# **Research Applications of Radar Doppler Spectra**

## **AGENDA**

**09:00 – 09:15: Course Overview, Logistics, Introductions**

**09:15 – 10:00: Introduction to Radar Doppler Spectra**

**10:00 – 10:45: What controls the shape of a real Radar Doppler spectrum?**

**10:45 – 11:00: Coffee Break**

**11:00 – 11:45: Introduction and hands-on Exercises to the Doppler Spectra Visualizer**

**11:45 – 13:00: Research Applications 1: Fair weather clouds, drizzling clouds, stratiform rain**

**13:00 – 14:00: Lunch Break**

**14:00 – 15:15: Research Applications 2: Multi-frequency precipitation techniques**

**15:15 – 15:35: Coffee Break**

**15:35 – 16:50: Research Applications 3: Single/Multi-frequency in ice/snow; Riming**

**16:50 – 17:00: Recap/Discussion**