

DIFFERENTIAL REFLECTIVITY (ZDR) CALIBRATION

WHEN: Sunday 1 July 2018, 9:00 – 17:00

WHERE: Hotel De Reehorst, Ede-Wageningen, The Netherlands

SHORT COURSE ORGANIZER

John C. Hubbert

SHORT COURSE PRESENTERS

Dr. John C Hubbert, NCAR/EOL, Boulder CO

Dr. Mike Dixon, NCAR, EOL, Boulder CO

Mr. Richard Ice, Senior Systems Engineer with Centuria Corporation,
supporting the WSR-88D Radar Operations Center, Norman OK

Dr. Michael Frech, DWD (German Weather Service), Hohenpeissenberg, GER

Dr. Asko Huuskonen, Finnish Meteorological Institute, Helsinki, Finland

SUN 1 July 2018

- 9:00 A.M. ARRIVAL AND INTRODUCTIONS.** John Hubbert
- 9:10 A.M. ZDR CALIBRATION: OVERVIEW, BACKGROUND, TECHNIQUES, UNCERTAINTY.**
John Hubbert
- 9:40 A.M. CROSSPOLAR POWER TECHNIQUE AND S-POL.** John Hubbert
- 10:30 A.M. COFFEE BREAK**
- 10:45 A.M. ZDR BIAS VARIABILITY and TEMPERATURE.** John Hubbert
- 11:15 A.M. PRACTICALITIES of ZDR CALIBRATIONS: VERTICAL POINTING, CROSS POLAR
POWER TECHNIQUES AND EXTERNAL TARGETS.** Mike Dixon
- 12:10 P.M. SHORT COURSE LUNCHEON (included).**
- 1:10 P.M. SOLAR MEASUREMENTS** Asko Huuskonen
- 2:00 P.M. ZDR CALIBRATION and NEXRAD** Rich Ice
- 3:00 P.M. COFFEE BREAK**
- 3:30 P.M. ZDR CALIBRATION for the GERMAN WEATHER SERVICE.** Michael Frech
- 4:15 P.M. ZDR EXPERIMENTAL DATA: ARTIFACTS or “REAL”.** Michael Frech
- 4:45 P.M. CLOSING COMMENTS, DISCUSION, QUESTIONS, RECOMMENDATIONS.**
- 5:00 P.M. END**