

## **38<sup>th</sup> Conference on Radar Meteorology**

The 38<sup>th</sup> Conference on Radar Meteorology was held from 28 August to 1 September 2017 in Chicago Illinois. The topics were wide-ranging across many sub-disciplines within radar meteorology and were divided among these sessions:

1. Microphysical Studies with Radars
2. Moving Platforms
3. Use of Radar Data for Nowcasting and Numerical Models
4. New and Emerging Radar Technology
5. Cloud Studies Using Radars
6. Organized Convection and Severe Phenomena
7. Radar Networks, Quality Control, Processing and Software
8. Quantitative Precipitation Estimation and Hydrology
9. Studies of Non-Hydrometeorological Returns.

There was a record 461 abstracts submitted and 428 attendees traveling from around the U.S. and 22 other countries. The three student travel award winners were Peng Wu (AMS Student Travel Award) as well as Jingjing Tian and Otavio Medeiros (Conference Chair Travel Awards). The Spiros G. Geotis Student Prize was awarded to Nicholas McCarthy from the University of Queensland. The Best Student Oral Presentation award went to Annette M. Foerster of Colorado State University and Scott Loeffler of Pennsylvania State University won the Best Student Poster Presentation.

Three well-attended short courses were held including: Millimeter Wavelength Radars: Engineering, Theory and Science Applications; Open Source Radar; and Zdr Calibration. The 'Tribute to the Trailblazers of Radar Meteorology: Dave Atlas, Roger Lhermitte and Edwin Kessler' to celebrate the lives and careers of those three radar meteorology pioneers was held to an enthusiastic full house. A grass-roots Young Scientist Meeting was organized and included an invited panel discussion around career development, work-life balance and meeting professional challenges, among other topics. The meeting was viewed as extremely successful and recommended to be a feature at future conferences.

The 38<sup>th</sup> Conference on Radar Meteorology highlighted the diverse range of high-level research and application activities across disciplines including technology advancement, measurement and retrieval science, atmospheric process studies and applications in operational radar networks. The 39<sup>th</sup> Conference on Radar Meteorology will be held in Nara Japan in the Fall of 2019.