

08 NOVEMBER 2021

Monday, 6:30 PM IST

(13 UTC)

#AzadiKaAmritMahotsav

Lecture Series on

Cloud and Precipitation Physics and Dynamics



सत्यमेव जयते

Ministry Of Earth Sciences

Government of India



Autonomous, Instrumented, unmanned aircraft systems designed for cloud seeding operations

Darrel is one of the founders of Droplet Measurement Technologies, LLC, a science and engineering company that specializes in the design of instruments that measure atmospheric aerosol and cloud particles. While working at the Research Aviation Facility at the National Center for Atmospheric Research (NCAR), Darrel and Bill Dawson started Droplet in 1987, initially building test equipment for the “Knollenberg” aerosol and cloud spectrometers. Since then, they have grown to a company that employs a staff of 35 scientists, engineers and technicians, building and marketing 25 instruments that measure cloud hydrometeors (droplets and ice), rain and snow, cloud condensation nuclei, refractive and equivalent black carbon and bioaerosols. Droplet’s instruments are used worldwide on aircraft studying clouds and seeding potential for weather modification operations.



Dr. Darrel G Baumgardner
Droplet Measurement Technologies

<https://www.dropletmeasurement.com/about/teams/>



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