

MMM SEMINAR SERIES



Towards Studying Hail, Hailstorms, and Hailfall, from Past, Current, and Future Studies

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In my seminar, I will provide an overview of where hail is most prevalent geographically. I will briefly discuss several major field programs that have been conducted to study hail and hailstorms, including those organized by NCAR. What methods and tools have been developed to identify impending hailstorms and hail damage? What can we learn from recently developed improvements in the understanding of hail physical properties? I will discuss how fast these particles fall and with what energy they impact the ground (kinetic energy), drawing on a combination of measurements of the properties of hailstones using 3D printed analogs of natural hailstones, and in-situ measurements from the T28 hail penetrating aircraft. I'll conclude by discussing plans for a field program dedicated towards studying hailstorms in northeast Colorado and surrounding areas.

Thursday, 14 July 2022, 2:00pm

Refreshments 1:45pm

NCAR-Foothills Laboratory, 3450 Mitchell Lane
FL2-1022, Large Auditorium

Seminar will also be live webcast

<https://operations.ucar.edu/live-mmm>

Participants may ask questions during the seminar via Slido.