S-Pol observations

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Nonprecipitating echo
Cold pools

- Deeper, larger convective features along intersecting boundaries
Transition from suppressed to active
Active periods
• Hydrometeors identified by PID are representative of microphysical processes
• Conceptual models based on spatial composite of PID data from ~30 cases
• Demonstrates that microphysical processes are systematically organized around the airflow through MCSs
• Can be used to validate the organization of microphysical processes in numerical simulations
Thank you!

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