

Program mini-European Conference on Severe Storms

27 September

09:00-09:15 (CET)	Lena Wilhelm - Hail time series from radar proxies for decadal variability of hail in Switzerland
09:15-09:30	Patryk Matczak - Giant hail in Poland produced by a supercell merger in extreme instability – A sign of a warming climate?
09:30-09:45	Markus Augenstein - Trends of thunderstorm activity and relation to large-scale atmospheric conditions in western and central Europe
09:45-10:00	Miranda Bitting - Climatological Patterns of Heavy Precipitation over Central and Southern Europe
10:00-10:15	Cornelia Klein - Observed trend drivers of West African storms and implications for rainfall intensification in climate projections
Break (30 min)	
10:45-11:00	Cameron Nixon - Hodographs and Skew-Ts of Hail-Producing Supercells using Self-Organizing Maps
11:00-11:15	Tanmay Dhar - Prediction of mountain cloudburst and associated severe rainstorms of Uttarakhand Himalaya using Artificial Intelligence
11:15-11:30	Kianusch Vahid Yousefnia - Identification of mature thunderstorms in NWP simulations using artificial neural networks
11:30-11:45	Arnould Gabriel - A Deep Learning approach for MCS detection: application for storm tracking and probabilistic forecast of storm objects
11:45-12:00	Joshua Soderholm - Automating the analysis of hailstone layers
Lunch break (12:00-14:00)	
14:00-14:55	Invited talk: Victor Gensini - Severe Convective Storms: Past, Present, and Future
Break (10 min)	
15:05-16:00	Invited talk TBD

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09:00-09:15 (CET)	Jannick Fischer - Towards an Updated Conceptual Model of Tornadogenesis
09:15-09:30	Matthieu Lacroix - Tornadoes in France: Spatio-temporal study of an underestimated phenomenon
09:30-09:45	Vitor Goede - Polarimetric Signatures in Supercell Thunderstorms in Southern Brazil
09:45-10:00	Krzysztof Piasecki - The occurrence of supercell thunderstorms over Poland and the conditions for their development
10:00-10:15	Javi Díaz-Fernández - Analysis on performance of HARMONIE-AROME model in a Spanish supercell event
Break (30 min)	
10:45-11:00	George Pacey - The climatology and nature of convective cells in cold-frontal environments over Germany
11:00-11:15	Letícia de Oliveira - A Discriminant Analysis of Severe Weather South-Central Brazil
11:15-11:30	Filip Skop - Meteorological aspects of convective dust storms' occurrence in Poland
11:30-11:45	Carlos Calvo-Sancho - Microburst event in Zaragoza's Airport: preliminary results
11:45-12:00	Rob Warren - New severe weather forecast guidance at the Australian Bureau of Meteorology
Lunch break (12:00-14:00)	
14:00-14:55	Invited talk: Makenzie Krocak - Information insight: what do people need, and when do they need it?
Break (10 min)	
15:05-16:00	Invited talk: John Peters - The influence of vertical wind shear on deep convection initiation (DCI)