

December 1st, 2025

Conference Report

12th European Conference on Severe Storms, Utrecht – 17-21 November, 2025

I am sincerely grateful to the European Meteorological Society for supporting my participation in the 12th European Conference on Severe Storms with the Young Scientist Conference Award. Thanks to this support, I was able to present my work, engage with the community, and contribute to the scientific program.

ECSS 2025 offered a wide-ranging scientific program covering topics from tornado dynamics and severe storm climatologies to satellite- and radar-based remote sensing. With its breadth, the conference brought together researchers from academia, operational weather services, and the private sector, providing a highly valuable platform for exchange across the severe-storms community.

A notable emphasis this year was on satellite-based research, reflecting the launch of the new MTG satellite. In addition, a dedicated symposium honored the scientific legacy of Chuck Doswell, whose contributions have been central to the field. ECSS 2025 set a new record with more than 350 registrations, accompanied by an unprecedented number of abstract submissions.

As a member of the scientific program committee, I had the privilege of helping select from many high-quality contributions, despite the challenge posed by the limited number of available oral slots. The resulting program offered consistently strong oral sessions, complemented by two large poster sessions featuring more than 200 posters and providing ample space for scientific discussion.

I contributed a lead-author presentation titled “*Supercell thunderstorms in Europe – insights from km-scale climate simulations*” and a poster titled “*Severe convective outbreaks and heatwaves – a continental-scale compound event*”, in addition to four further co-authored contributions.

The conference also hosted the first in-person meeting of the *Thunderstorms in between Mountains and Plains* (TIM) field campaign. In my roles as a lead of the “Idealized Modeling” topic group and regional coordinator for the Northern Alps, I outlined future research activities and ongoing funding efforts. The opportunity to meet the broader TIM community in person was highly beneficial for planning and coordinating the next steps of the campaign.

I am very grateful to the European Meteorological Society for recognizing my scientific contributions as an early career scientist and supporting my participation in this conference. From the program committee work to the field-campaign discussions and scientific exchanges around my own contributions, ECSS 2025 was an extremely valuable experience and remains an important platform for early-career researchers in the severe storms community.