

## Report on the 11<sup>th</sup> European Conference on Severe Storms

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Mateusz Taszarek

Department of Meteorology and Climatology, Adam Mickiewicz University in Poznań

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I want to express my sincere gratitude to the European Meteorological Society for supporting me with the Young Scientist Conference Award (YSCA) to participate in the 11th European Conference on Severe Storms (ECSS) in Bucharest, and for recognizing my work as an early career scientist.

ECSS organized by European Severe Storms Laboratory (ESSL) is one of the most important conferences that bring together convective storm researchers from all around the world every 2 years. The last edition took place in 2019 in Kraków while the one in 2021 was canceled due to coronavirus pandemic. For this reason, 11th ECSS in Bucharest was highly anticipated by the severe storms community and, given my expertise, participation in this conference was also extremely important to show my research. In total I co-authored 8 conference posters and 4 oral presentations, including 3 as lead-author:

- *Do severe storms across Australia, Europe and the United States share similarities? A comparison of atmospheric profiles and environmental predictors.*
- *ThundeR - a rawinsonde package for processing convective parameters and visualizing atmospheric profiles.*
- *Evaluation of ESTOFEX convective outlooks from 2007 to 2021. Part 2: climatology and reliability of threat level polygons.*

ECSS in Bucharest was a very well organized conference that covered topics ranging from high-resolution numerical modeling of storm-scale processes and their dynamics to large-scale climatological features of convective hazards and their social impacts. Interaction with researchers working on convective environments was very beneficial as it allowed me to establish new international scientific cooperation, receive input for my own research and broaden my knowledge and skills. Overall it was a very positive and inspiring experience.

To conclude, taking part in this conference was very important for me from both scientific and professional point of view, and I am extremely grateful to EMS for supporting my participation with YMCA. I also thank ECSS organizers and all co-authors who supported me in preparing my research. I am looking forward for the 12th ECSS in the Netherlands in 2025!