

6th European Conference on Severe Storms (ECSS)

Palma de Mallorca, Spain, 03 – 07 October 2011

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Recipient of the EMS Young Scientist Travel Award

The 6th European Conference on Severe Storms took place from 03 to 07 October 2011 in Palma de Mallorca, Spain. Most contributions to this conference dealt with severe convective storms, especially with model studies of supercells and their role in tornadogenesis.

At the moment, I am finishing my Diplom (equivalent to a M.Sc.) thesis which is entitled "Automatic detection of convective modes based on radar data" and I received a lot of helpful feedback for my future work during the second poster session. My poster was designed to show some preliminary results in automatic detection of different types of convective systems.

Unfortunately, there were only two poster sessions during the conference and the space was very limited - otherwise there might have been even more discussion about my work and the work of other researchers who also worked on similar projects.

The previous poster session allowed me to talk to the people who did radar measurements during the VORTEX2 field experiment. Prior to that, I thought that my preliminary results were erroneous as it is very uncommon to find mesoscale vortices with a different sense of rotation in the same storm. Some presentations and posters then showed me that a real convective storm is much more complicated than the conceptual model of a supercell.

I would like to thank EMS for supporting my contribution with a Young Scientist Travel Award; otherwise it would not have been possible for me to attend this conference and to get helpful comments on my work from the community. I also acknowledge the organisation team from UIBcongress and the people from the ESSL executive board who did a great job in organising this conference.

However, one thing was missing during the entire ECSS: thunderstorms. But we got some clear air turbulence from the upper level jet stream when flying back to Germany on Friday evening.

Yours sincerely,

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