

## **Report on the 2010 EUMETSAT Meteorological Satellite Conference, 20 – 24 September 2010, Córdoba, Spain Dennis Stich**

First of all I would like to thank the European Meteorological Society and Martina Junge (my contact at the EMS), the reviewers of the YSTA applications and EUMETSAT for providing me with one of the Young Scientist Travel Awards facilitating my attendance at the 2010 EUMETSAT Meteorological Satellite Conference in Córdoba.

The Conference organized by EUMETSAT (European Organisation for the Exploitation of Meteorological Satellites) in cooperation with AEMET (Spanish national meteorological agency) had about 350 international participants from universities, research institutes and weather services. The program for the five days was divided in seven in part parallel sessions named: "Current and future satellites and applications", "Satellite-based observations of the oceans", "Training and Outreach", "Atmospheric Composition", "Facilitating data access and utilisation", "Monitoring climate and understanding climate processes based on satellite data", and "Nowcasting".

My talk on "Nowcasting of convection initiation by analysis and fusion of multiple data sources" was - as already present in the title - part of the nowcasting session. I presented some results of my first year as PhD student and some ideas for my ongoing work where I got a lot of useful feedback and was able to collect some interesting tips and ideas. I highly appreciate that I had the possibility to discuss with some experts on the fields of satellite-based nowcasting, pre-convective environment, and convection initiation within and around the session in small groups or one by one and also about my topic in detail. We were a group of three people from our department presenting within the nowcasting session. Due to that fact we were able to give a good impression of our work and got a lot of interesting questions and positive feedback on the results of our working group, with some opportunities for new cooperation with other institutes or groups. The positive feedback and fruitful discussions were very encouraging and motivating for me.

Besides the gain in scientific experience closely related to my work and the nowcasting session there was a lot of additional interesting experience. Being a PhD student at the end of the first year it was my first bigger conference with a presentation by me. Thus giving the presentation itself was a little adventure as well. I really enjoyed all the networking around the sessions and in the evenings, meeting many interesting people there. And last but not least: Córdoba is a very nice venue for attending a conference!

Dennis Stich

---

DLR (German Aerospace Center)  
Institute of Atmospheric Physics

DLR Oberpfaffenhofen  
Muenchner Str. 20  
82234 Wessling  
phone: +49-(0)8153-281534  
email: Dennis.Stich@dlr.de  
<http://www.dlr.de/pa/>