

Meteorological Satellite Conference

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First of all, I would like to thank the European Meteorological Society for kindly providing me the Young Scientist Travel Award. I have attended the Eumetsat Satellite Conference which took place in Sopot, Poland between 3th and 7th September 2012 and spent one very interesting and educative week.

This conference gathered the lead world scientists, forecasters, as well as young researchers and students. The programme for the five days was divided in nine major sessions:

1. Current and future satellites, instruments and their applications
2. Monitoring climate and understanding climate processes based on satellite data
3. Atmospheric composition
4. The hydrological cycle
5. Sensor inter-calibration for climate data records
6. Satellite-based observations of the oceans
7. Forecasting and Nowcasting
8. Training
9. Data access for easy utilisation.

More than 200 oral presentations and about 130 posters were presented. The session *Forecasting and Nowcasting* was the most interesting to me, because within this section one of the issues was overshooting top detections and relationship with severe weather conditions which is the topic of my current research. All topics of this session were very educative for me and I got a lot of new information.

I presented the poster whose title is *Characteristic of lightning activity in deep convective clouds with the overshooting tops*. During the poster sessions, I had the opportunity to meet several people interested in the same research field of mine, who gave me many suggestions and a positive feedback. I really enjoyed in scientific discussions during this conference and got a lot of new ideas for my research. This was a great opportunity for the young scientists to discuss the current topics related to satellites applications in meteorology with the senior experts.