

Report on 2012 Eumetsat Meteorological Satellite Conference

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My participation to the 2012 Eumetsat conference was supported by the EMS Young Scientist Travel Award. I would like to first thank the European Meteorological Society for providing me with this award and for giving me the opportunity to participate to this Eumetsat Conference.

During the conference, I had the opportunity to present my poster entitled « New developments for the use of microphysical variables for the assimilation of IASI cloudy radiances ». We had a lot of time to discuss and interact with other scientists during the several coffee breaks and poster sessions. I received useful comments on my PhD results that will help me to keep improving my work.

The Eumetsat conference concentrates a large number of parallel sessions. Two sessions were particularly interesting for my PhD research activity : « Current and future satellites, instruments and their applications » and the « Forecasting and Nowcasting » session . I also enjoyed discovering new very interesting topics like the monitoring of climate processes based on satellite data or the atmospheric composition session. I appreciated the keynote address of William Smith « Atmospheric dynamics from NPP/Aqua and Metop-A/Metop-B sounding pairs ». In fact, I could learn more about a new approach to retrieve temperature and humidity vertical profiles under cloudy conditions with infrared observations, which is very similar to my research topic.

I also had the opportunity to meet several scientists and other PhD students which is very useful for future possible collaborations.

The Eumetsat conference was also organized in a very great place making me discover a beautiful part of Poland. The conference dinner was also very instructive and nice.

I would like to thank again the EMS for giving me this award to attend this conference that will be so fruitful for my career.

Pauline Martinet