

**Report**  
**On participation of Julia Strelchenko, Recipient of the EMS Young Scientist Travel Award,**  
**State Hydrological Institute, Saint-Petersburg, Russia**  
**in the 11th EMS Annual Meeting and the 10th European Conference on Application of**  
**Meteorology (ECAM)**  
**12–16 September 2011, Berlin**  
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In the period 12 - 16 September 2011 I had the opportunity to attend the 11th EMS Annual Meeting / 10th European Conference on Applications of Meteorology (ECAM) in Berlin. Scientifically, the meeting was very useful for me allowing to meet about 700 colleagues from 53 countries all over the World. I am very thankful to EMS for granting me the EMS Young Scientist Travel Award.

Conference Theme was “Forecasting the weather - ensemble techniques in probabilistic weather prediction”. The challenges were to develop further a wider range of probabilistic forecast products, and to support customers in using uncertainty information to manage weather-related risks effectively. Special emphasis was given to forecasts of high-impact weather events.

Several parallel sessions were organized, covering four main themes:

- Applications of Meteorology – ECAM,
- The Atmospheric System and its Interactions,
- Communication and Education,
- Numerical Weather Prediction,
- Climate.

These sessions cover a wide range of disciplines in meteorology and climatology, and it was interesting for me to attend several sessions.

Of particular interest for me were the sessions devoted to Climate change such as: Climate modeling, Climate reconstructions, Climatological reference mapping, Synoptic Climatology, because they directly address my scientific interests. I learned a lot of new ideas from presentations at these sessions and will implement some of them in my PhD thesis.

This conference was an excellent opportunity for me to extend my knowledge into specific topics such as: High impact weather warnings, Urban climate, Adaptation strategies, Interfacing hydrological and meteorological models, BL-physics and parameterization in weather and climate models, Environmental meteorology. These topics were the most useful for my current studies and they introduced to me new aspects of meteorological science.

The Networking lunch for women was made in a spirit of collaboration and friendship and was very informative as well.

I presented a poster “Exploring the role of process-oriented GIS in advancing the scientific knowledge in applied meteorology and climatology” at session CL5 “Climatological references, mapping, spatial interpolation” and GIS-analysis. It was an excellent opportunity to present my research to other scientists and discuss the results with many of them. During the poster session I received several comments and suggestions how to continue the research that I have just started. I am sure all the new contacts that I got on the conference will be very useful for me in the future. It was a unique experience to exchange opinions and talk about my studies, especially, because this was the first time when I was attending an international scientific event.

I was impressed by the perfect organization of the event. I would like to congratulate the organizations for their excellent work.