

Trento, 8 September 2012

**EMS Young Scientist Travel Award report**  
**15<sup>th</sup> Conference on Mountain Meteorology**

**20-24 August 2012 – Steamboat Springs, CO**

**by Lavinia Laiti**

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My participation to the AMS 15<sup>th</sup> Conference on Mountain Meteorology, held in Steamboat Springs (CO, USA) on 20-24 August 2012, was supported by an EMS Young Scientist Travel Award.

It was a great honour for me to receive this award, and I would like to warmly acknowledge the European Meteorological Society for giving me the opportunity to attend the meeting.

I presented preliminary results from my PhD research activity with an oral contribution entitled “Investigation of the Ora del Garda wind in the Alps: a combined approach of surface and airborne field measurements and numerical modelling”, by Lavinia Laiti, Dino Zardi and Massimiliano de Franceschi (abstract ID: #209819 <https://ams.confex.com/ams/15MountMet/webprogram/Paper209819.html>)

The conference was attended by a not very large number of scientists, and I think that this helped a lot in creating the opportunity to talk and discuss after the sessions and during the coffee-breaks and lunchtimes. The conference was indeed very specific and well-focused, and this made it particularly interesting and fruitful to me.

Given my specific research field (mountain and lake thermally-driven circulations, boundary layer over complex terrain, aircraft measurements, mesoscale numerical modelling), to me the most interesting sessions were “Boundary layers and turbulence in complex terrain”, “Predictability, data assimilation, and NWP”, “Slope flows and cold pools” and “Mountain airflow dynamics”. Also some very interesting posters dealing with high-resolution numerical simulations were present. I tried to interact in particular with both students and researchers dealing with high-resolution WRF model simulations, in order to collect useful suggestions for the improvement of the simulations of the *Ora del Garda* wind which I am currently working on. The participation in the 15<sup>th</sup> Mountain Meteorology Conference was also a precious occasion to make good contacts.

Sincerely,

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