

# EMS YOUNG SCIENTIST TRAVEL AWARD REPORT

## 34<sup>th</sup> International Conference on Alpine Meteorology

18-23 June 2017, Reykjavík (Iceland)

by Marco Falocchi

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My participation to the 34<sup>th</sup> International Conference on Alpine Meteorology, held in Reykjavík (Iceland) on 18–23 June 2017, was supported by an EMS Young Scientist Travel Award granted by the European Meteorological Society.

I was awarded this prize for a contribution (oral communication) entitled: “Lidar observations and high-resolution modeling of a wind jet at the exit of the Isarco Valley (Italy)” by Marco Falocchi, Lorenzo Giovannini, Elena Tomasi, Gianluca Antonacci, Tommaso Pallaveri and Dino Zardi. It was a great honor to receive such an award, and I sincerely thank the European Meteorological Society for the support provided to attend this meeting.

The International Conference on Alpine Meteorology is a very important meeting for my research interests. Indeed, my work has been focusing on the study of the turbulence processes over complex terrain (mountain valleys) and, more recently, on the study of local circulations which develop in the valley-boundary layer, with an experimentally-based approach. All these topics were thoroughly covered during ICAM 2017. Also, during the Conference I had the opportunity to discuss my research with scientists and experts from all over the world that provided insightful comments and feedback about my work, in particular regarding the specific topic of my oral presentation. I particularly enjoyed the sessions “Boundary Layers and Turbulence in Complex Terrain” and “Results from Field Campaigns”. I got an updated overview of the state of the art in these fields of atmospheric sciences and also provided new approaches for the analysis of meteorological data.

This Conference strongly fueled my motivation in continuing my research in atmospheric sciences. Finally, I would like to acknowledge the great work done by the local Organizing Committee and by the Staff, along with expressing my appreciation also for the pleasant side recreational activities that were offered to the conveners.

Many thanks again to the European Meteorological Society for this award.

Yours sincerely,

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