

NWP-Seminar

Date: 14 November 2023
Time: 11h00 CET
Place: MeteoSwiss, Zurich Airport, OPC 1, Room 5-331
Online: see Microsoft Teams link at the bottom of this text

Lukas Jansing: A Lagrangian perspective on the Alpine Foehn

Foehn is perceived as a strong and often gusty wind that brings a rapid temperature increase and low relative humidity to the respective valleys. Due to their distinct impacts, these winds are not only well known to the local population, but have also received long-standing scientific attention. Nevertheless, various aspects of the phenomenon, such as the Foehn air warming, the rapid and strong descent of the Foehn into the valleys, or the striking variability associated with different Foehn types, are not yet well understood. While the existing literature mainly addressed these open questions from a Eulerian perspective, a Lagrangian perspective is adopted here, following air parcels as they traverse the Alps from south to north. In the talk, I will present some of the key results obtained during my PhD project.

External guests: If you wish to attend, please send a short note as a reply to this mail. Please arrive at the reception desk at the Operations Center 1 Entrance A no later than 10 minutes before the start of the seminar and ask for name of the organiser of the NWP Seminar (normally the person who distributed this invitation). You will be picked up at the entrance.

We are looking forward to seeing many of you!
Numerical Prediction division of MeteoSwiss

To be added to (or deleted from) the distribution list of the seminar announcements, please send an e-mail, depending on your institution:

MeteoSwiss: mail to Saskia.Willemse@meteoswiss.ch asking to be added to (or deleted from) the mailing list .f_fe_seminar

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