



ETH zürich



EMPA
Materials Science & Technology



CHIRP2 final project meeting

10 November 2015, 13:30-17:00
ETH Zurich, Room HG F 33.5

Agenda

- 13:30 Nicolas Gruber:** Introduction
- 13:35 Nikolina Ban:** Convection-resolving climate simulations
- 13:50 Denise Keller:** Synthetic daily weather time-series for future climate in Switzerland
- 14:05 Doris Folini:** Broaden the perspective: from atmosphere only to atmosphere-ocean
- 14:20 Tanja Dallafior:** Dimming over the oceans: Lessons from 20th century mixed-layer ocean equilibria
- 14:35 Ulrike Lohmann:** Effect of anthropogenic aerosol emissions on precipitation formation in warm conveyor belts in the western North Pacific in winter – a model study with ECHAM6-HAM.
- 14:50 Blaž Gasparini:** Cirrus cloud climatology from Calipso satellite data and ECHAM-HAM GCM.

- 15:05 Coffee break**

- 15:45 Heini Wernli:** Cyclones and cold air outbreaks in the Southern Ocean
- 16:00 Byrne David:** Mesoscale atmosphere-ocean coupling enhances the transfer of wind energy into the ocean.
- 16:15 Alexander Haumann:** Strengthening of the Southern Ocean carbon sink through freshwater forcing
- 16:30 Lutz Merbold :** More than 10 years of ET measurements in typical Swiss ecosystems
- 16:45 Sonia Seneviratne:** Drought in a changing climate: Questioning long-held assumptions
- 17:00 Nicolas Gruber:** C2SM @ Schools & Conclusion

- 17:15 Aperó**