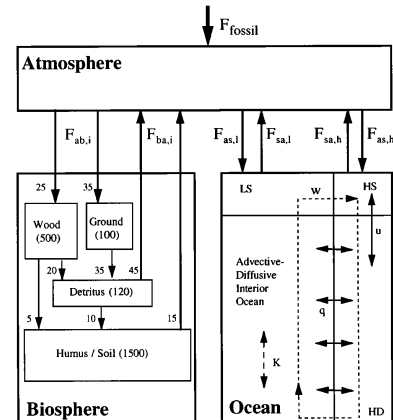




Climate and Environmental Physics:

Past Knowledge and Future Directions

Programme

- 09:00 – 09:15 **Welcome**
T. Frölicher / H. Fischer
- 09:15 – 10:00 **Unlocking Earth's climate secrets: The quest for oldest ice and “Il Capo dei Capi”**
Carlo Barbante (Ca' Foscari University of Venice and Institute of Polar Sciences – CNR)
- 10:00 – 10:30 **Coffee break**
- 10:30 – 11:15 **Air and water isotopes in ice cores – a fruitful and long term Swiss - French collaboration**
Amaëlle Landais (LSCE)
- 11:15 – 12:00 **On (carbon) budgets, pies and cones: from Bern to the IPCC**
Gian-Kasper Plattner (WSL)
- 12:00 – 13:30 **Lunch break**
- 13:30 – 14:15 **Are climate models missing a fundamental link between the Atlantic meridional overturning circulation and climate?**
Joel Hirschi (National Oceanography Centre)
- 14:15 – 15:00 **From caves to the High Altitude Research Station Jungfrauoch**
Stéphane Affolter (University of Basel)
- 15:00 – 15:30 **Coffee break**
- 15:30 – 16:15 **Connecting the dots in the Earth system**
Benjamin Stocker (University of Bern)
- 16:15 – 16:30 **Adjourn**
- 16:30 – 22:00 **Apéro & Networking**

January 28, 2025

Lecture Hall 099 | Sidlerstrasse 5. 3012 Bern

Registration link: <https://forms.office.com/e/jb5yczDPiE>

Partially funded by the Swiss National Science Foundation