

22nd

SWISS CLIMATE SUMMER SCHOOL

01–06 September 2024

Grindelwald, Switzerland

CLIMATE CHANGE: FROM THE DAWN OF THE ANTHROPOCENE TO OPTIONS FOR THE FUTURE

ETH zürich

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**UNIVERSITÄT
BERN**

**OESCHGER CENTRE
CLIMATE CHANGE RESEARCH**



CURRENT CLIMATE CHANGE: WHAT IS DETECTED AND ATTRIBUTED?



PAST CLIMATE CHANGE: HOW UNUSUAL IS THE PRESENT?



THE SCIENCE-POLICY INTERFACE: HAS IT WORKED?



MANY FUTURES AHEAD: WHAT OPTIONS REMAIN?



SWISS CLIMATE RESEARCH

The network of leading Swiss institutions in climate research and education, invites young scientists to join high-profile climate researchers in a scenic Swiss Alpine setting for keynote lectures, workshops and poster sessions on the occasion of the 22nd Swiss Climate Summer School 2024.

SCOPE OF THE SUMMER SCHOOL

The 22nd Swiss Climate Summer School is focusing on the theme "Climate Change: From the Dawn of the Anthropocene to Options for the Future". This theme has been chosen due to its paramount importance in terms of both scientific challenges and pressing societal concerns. Always with a focus on understanding the system, mapping the options, and communicating action, the specific topics include:

- Current climate change: What is detected and attributed?
- Past climate change: How unusual is the present?
- The science-policy interface: Has it worked?
- Many futures ahead: What options remain?

This summer school addresses Early Stage Researchers from the climate, engineering, social and economic sciences, humanities and law. In addition to keynote lectures from internationally renowned experts and extensive time for discussions and poster sessions, two half days will be spent with workshops in smaller groups and hands-on practical work. An excursion will lead us to a scenic place with glaciers in the mountains. All Summer School participants are expected to present a poster of their research.

LECTURERS FOR KEYNOTES AND ORGANIZERS (confirmed)

MYLES ALLEN (Oxford U, UK)
CHARLOTTE BLATTNER (U Bern, CH)
PASCALE BRACONNOT (WCRP and LSCE, F)
PETER CLARK (Oregon State U, USA)
ERICH FISCHER (ETH Zurich, CH)
HUBERTUS FISCHER (U Bern, CH)
JÖRG FRANKE (U Bern, CH)
THOMAS FRÖLICHER (U Bern, CH)
MARTIN GROSJEAN (U Bern, CH)
NICOLAS GRUBER (ETH Zurich, CH)

GABRIELE HEGERL (U Edinburgh, UK)
RETO KNUTTI (ETH Zurich, CH)
VALÉRIE MASSON-DELMOTTE (LSCE, F)
NAOMI ORESKES (Harvard U, USA)
FREERK PÖPPELMEIER (U Bern, CH)
CHRISTOPH RAIBLE (U Bern, CH)
THOMAS STOCKER (U Bern, CH)
JOHANNES SUTTER (U Bern, CH)
AXEL TIMMERMANN (U Busan, SK)

DEADLINE FOR APPLICATIONS: 15 JANUARY 2024

The Summer School is open to Early Stage Researchers (PhD students and Post-Docs) worldwide. Participation is highly competitive and will be limited to a maximum of 70. The registration fee (1350 CHF) includes half board accommodation, excursion, and teaching material. Successful applicants will be notified in February 2024. Detailed information and the application form are available at: www.oeschger.unibe.ch/summerschool

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The Swiss Climate Summer School is organized and supported by:

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