**GeoMIP 8 Agenda**

**Sunday, April 15**

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| 19:00- | Casual dinner at Il Postino, Schaffhauserstrasse 188, <https://www.ilpostino.ch> |

**Monday, April 16: ETH main building, room F33.1, Rämistrasse 101**

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| 9:00-9:15 | Introduction to ETH | Ulrike Lohmann |
| 9:15-9:30 | Introduction to GeoMIP | Ben Kravitz  Alan Robock |
| 9:30-10:30  *Four 15-minute talks* | Indian Monsoon in the Geoengineered World (G2) and After its Termination  Considering the effect of solar geoengineering on global runoff  Climate change and water security in South Africa: Accessing conflict and coping strategies in KwaZulu-Natal  Global flood risk response to stratospheric aerosol geoengineering | Mansi Bhowmick  Lorna Burnell  Patrick Hosea Olayiwola  Liren Wei |
| 10:30-10:50 | Break |  |
| 10:50-12:10  *Six 15-minute talks* | Potentially dangerous consequences for biodiversity of solar geoengineering  Ecological implications of geoengineering: What's needed next?  Upper tropospheric ice sensitivity to sulfate geoengineering  G1ocean-albedo progress  Impact of the QBO on transport of stratospheric sulfate aerosols  Tropical circulation: the Hadley and Walker cells and tropical cyclone statistics | Christopher Trisos  Jessica Gurevitch  Daniele Visioni  Hauke Schmidt  Ulrike Niemeier  John Moore |
| 12:10-12:20 | Group picture |  |
| 12:20-13:30 | Lunch at Dozentenfoyer (ETH main building upper floor) |  |
| 13:30-14:30  *Four 15-minute talks* | On the potential impact of CCT on jet stream behavior  Comparing changes in the Quasi-biennial Oscillation in the presence of SO2 injections in GCMs  Unanticipated Chemical and Radiative Effects of Aerosol Particles Considered for Stratospheric Climate Engineering?  Comparing Accumulation-mode H2SO4 with SO2 emission scenarios in SOCOL-AER | John Mejia  Yaga Richter  Ulrike Lohmann  Sandro Vattioni |
| 14:30-14:50 | Break |  |
| 14:50-15:35  *Four 15-minute talks* | A GeoMIP Testbed for Accumulation-mode H2SO4 Injection  Mitigation, Carbon Removal and Solar Geoengineering: The Role of Discounting  Assessing the efficacy of uniform solar geoengineering in reducing climate risks  Land radiative management as contributor to regional-scale climate adaptation and mitigation | Debra Weisenstein  Mariia Belaia  Pete Irvine  Sonia Seneviratne |
| 15:50-17:20 | Poster introductions (one slide, two minutes each) and poster session |  |
| 17:20-17:30 | Wrap-up of first day |  |
| 18:30 | Workshop Dinner at Hot Pasta, Universitätstrasse 15, <http://hotpasta.ch>, paid by GeoMIP | |

**Tuesday, April 17**

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| 9:00-10:30  *Six 15-minute talks* | Geoengineering studies with CESM-WACCM  Research strategy for stratospheric aerosols: how can we assess and reduce uncertainty?  Overshoot scenario  Stratospheric geoengineering and the 1.5°C COP target  Ice911: Arctic ice restoration with high-albedo materials - Field work and Modeling  G4Foam and G4SSA experiments - Are others interested? | Mike Mills  Doug MacMartin  Simone Tilmes  Jim Haywood  Leslie Field  Alan Robock |
| 10:30-10:50 | Break |  |
| 10:50-12:30 | Discussion |  |
| 12:30-13:30 | Lunch at Dozentenfoyer (ETH main building upper floor) |  |
| 13:30-15:00 | Additional Discussion |  |
| 15:00 | Adjourn |  |
| 19:00- | Casual dinner at Linde Oberstrass, Universitätstrasse 91, <https://www.linde-oberstrass.ch/> for those interested | |

**Poster Presentations:**

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| Liyi Chen | Impact of Solar Geoengineering on Human Health from Urban Heat Stress |
| Duoying Ji | The high-latitude permafrost responses to solar dimming geoengineering |
| Wenbin Sun | The high-latitude permafrost responses to solar dimming geoengineering |
| Ying Qu | 21st century regional sea-level projections under G4 experiment and RCP scenarios |
| Ruchi Singh | Climate Change, Geo-engineering, and Human Health: Indian Subcontinent |
| Andrea Stenke | The infrared heating effect of stratospheric sulfate aerosols |

**Discussion Topics:** G4SSA, Testbed, other underutilized scenarios; Overshoot scenario; Formal adoption of Testbed experiments; Other types of analysis (e.g., ecosystems); Other topics