

Program_v4

22nd Swiss Climate Summer School

“Climate Change: From the Dawn of the Anthropocene to Options for the Future”

1 - 6 September 2024, Grindelwald, Switzerland

Sunday, 1 September

	WHAT	WHO	RESPONSIBLE	WHERE
11:00 – 14:00	Arrival, hotel check-in	Participants		Hotels
12.45 - 14.15	Registration at Sunstar Hotel; setting up posters	Participants	Isabel Jakob et al.	Hotel Sunstar, Basement
14:15 – 14:30	Opening	Martin Grosjean		Sunstar, Rm Jungfrau 1 + 2
14:30 – 15:00	Introduction to the Summer School	Martin Grosjean Thomas Stocker		Sunstar, Rm Jungfrau 1 + 2
	Session 1: Current climate change: What is detected and attributed? And what is the role of science?			
15:00 – 15:45 15:45 – 16:15	KN 3: Why Climate Science Can't Be Entirely Separated from Politics Discussion	Naomi Oreskes	Thomas Stocker	Sunstar, Rm Jungfrau 1 + 2
16.15 – 17.30	Poster Session 1 and Apéro	Participants	Martin Grosjean	Sunstar, Rm Eiger
17.30 – 18.30	Risk Game	Participants, E. Fischer		Sunstar, Rm Jungfrau 1 + 2
19:00	Dinner	All	Isabel Jakob	Sunstar, Restaurant Ambiance

Monday, 2 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 1: Detection and attribution: From global mean temperature to impact attribution Discussion	Gabi Hegerl	Reto Knutti	Sunstar, Rm Jungfrau 1 + 2
09:45 – 11:00	Poster Session 2 with coffee break	Participants	Martin Grosjean	Sunstar, Rm Eiger
11:00 – 11:45 11:45 – 12:15	KN 2: Anthropogenic CO₂: Quo vadis? Discussion	Nicolas Gruber	Reto Knutti	Sunstar, Rm Jungfrau 1 + 2
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Sunstar, Rest. Ambiance)		Isabel Jakob	
	Session 2: Past climate change: How unusual is the present?			
14.00 – 14.45 14.45 – 15.15	KN 4: The Climate Continuum of the last 3 million years Discussion	Axel Timmermann	Thomas Stocker	Sunstar, Rm Jungfrau 1 + 2
15.15 – 16.45	Poster Session 3 with coffee break	Participants	Martin Grosjean	Sunstar, Rm Eiger
16.45- 18.00	Group meetings	Participants	Martin Grosjean	Sunstar, Rm Jungfrau 1 + 2

19:00	Dinner		Isabel Jakob	Sunstar, Restaurant Ambiance
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Tuesday, 3 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15	KN 5: Carbon, heat and the ocean, and what ice cores tell us about them	Hubertus Fischer	Niki Gruber	Sunstar, Rm Jungfrau 1 + 2
09:15 – 09:45	Discussion			
09:45 – 11:00	Poster Session 4 with coffee break	Participants	Martin Grosjean	Sunstar, Rm Eiger
11:00 – 11:45	KN 6: Sea level rise and fall	Peter U. Clark	Thomas Stocker	Sunstar, Rm Jungfrau 1 + 2
11:45 – 12:15	Discussion			
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Sunstar, Rest. Ambiance)		Isabel Jakob	
	Parallel workshops	Participants, in groups		
14:00 – 18:00	WS1: Paleodata-model comparison techniques	Christoph Raible, Jörg Franke		Sunstar, Rm Mönch
14:00 – 18:00	WS2: Extreme event attribution	Erich Fischer, Thomas Frölicher		Sunstar, Rm Wetterhorn
14:00 – 18:00	WS3: Climate Change, Policy, and the Law	Charlotte Blattner, Laurie Durel		Sunstar, Rm Jungfrau 1
14:00 – 18:00	WS4: Tipping points in the Earth System	Frerk Pöppelmeier, Johannes Sutter		Sunstar, Rm Jungfrau 2
19:00	Dinner		Isabel Jakob	Restaurant Da Salvi

Wednesday, 4 September

	WHAT	WHO	RESPONSIBLE	WHERE
	Session 3: The science-policy interface: Has it worked?			
08:30 – 09:15	KN 7: The physical science basis of climate change empowering transformations: Insights from the IPCC AR6 for a climate research agenda grounded in ethics	Valérie Masson-Delmotte	Niki Gruber	Sunstar, Rm Jungfrau 1 + 2
09:15 – 09:45	Discussion			
09:45 – 10:45	Open Poster Session with coffee break	Participants	Isabel Jakob	Sunstar, Rm Eiger
10:45 – 11:15	Group meetings			
11:15 – 11:30	Excursion Introduction	Martin Grosjean		Sunstar, Rm Jungfrau 1 + 2
11:30 – 18:30	Excursion to Bäregg (including lunch in the field)	All		Field
19:00	Dinner (teachers and staff, participants optional)		Isabel Jakob	Hotel Hirschen

Thursday, 5 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 8: Paper Angels: why has climate science-policy-interaction not delivered actual emission reductions? Discussion	Myles Allen	Thomas Stocker	Sunstar, Rm Jungfrau 1 + 2
09:45 – 10:45	Poster Session with coffee break	Participants		Sunstar, Rm Eiger
	Session 4: Many futures ahead: What options remain?			
11:00 – 12:15	KN 9: Grand Challenges in climate research (a WCRP perspective) Discussion	Pascale Braconnot	Martin Grosjean	Sunstar, Rm Jungfrau 1 + 2
12:15 – 14:00	Lunch (participants: individual; teachers and staff: Sunstar, Rest. Ambiance)		Isabel Jakob	
	Parallel workshops	Participants, in groups		
14:00 – 18:00	WS1: Paleodata-model comparison techniques	Christoph Raible, Jörg Franke		Sunstar, Rm Mönch
14:00 – 18:00	WS2: Extreme event attribution	Erich Fischer, Thomas Frölicher		Sunstar, Rm Wetterhorn
14:00 – 18:00	WS3: Climate Change, Policy, and the Law	Charlotte Blattner, Laurie Durel		Sunstar, Rm Jungfrau 1
14:00 – 18:00	WS4: Tipping points in the Earth System	Frerk Pöppelmeier, Johannes Sutter		Sunstar, Rm Jungfrau 2
19:00	Dinner		Isabel Jakob	Hotel Hirschen

Friday, 6 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 10: The future of the ocean Discussion	Thomas Frölicher	Niki Gruber	Sunstar, Rm Jungfrau 1 + 2
09:45 – 10:15	Coffee break			Foyer Jungfrau 1 + 2
10:15 – 11:00 11:00 – 11:30	KN 11: The road to net zero Discussion	Reto Knutti	Martin Grosjean	Sunstar, Rm Jungfrau 1 + 2
11:30 – 13:00	Lunch (participants: individual; teachers and staff: Sunstar, Rest. Ambiance)		Isabel Jakob	
13:00 – 15:00	Group Presentations; summary of keynotes Discussion	Participants, groups Panel	Martin Grosjean	Sunstar, Rm Jungfrau 1 + 2
15:00 – 16:00	Closure, Aperitif	Martin Grosjean/ Thomas Stocker	Isabel Jakob	Sunstar Hotel Lobby



Congress Centre / Hotel Sunstar: Tel +41 33 854 77 77, <https://grindelwald.sunstar.ch/>

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