

Program

17th Swiss Climate Summer School “Earth system variability through time – processes, observations and models”

26 – 31 August 2018, Grindelwald, Switzerland

Sunday, 26 August

	WHAT	WHO	RESPONSIBLE	WHERE
11:00 – 14:00	Arrival, hotel check-in	Participants		Hotels
12:45 – 14.15	Registration at Congress Centre; setting up posters	Participants	C. Kehl et al.	Congress Centre
14:15 – 14:30	Opening	M. Grosjean		Congress Centre
14:30 – 15:00	Introduction to the Summer School	T.F. Stocker	M. Grosjean	Congress Centre
	Earth system variability and climate change on glacial-interglacial cycles			
15:00 – 15:45	KN 1: Earth System Sensitivity through time – the modeling perspective	A. Timmermann	Th. Stocker	Congress Centre
15:45 – 16:15	Discussion			
16.15 – 17.30	Poster Session 1 and setup groups	Participants	Grosjean	Congress Centre
17.30 – 18.30	Apero and Poster		C. Kehl	
19:00	Dinner		C. Kehl	Hotel Hirschen

Monday, 27 August

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15	KN 2: Earth System Sensitivity Through Time: Empirical Evidence	H. Stoll	N. Gruber	Congress Centre
09:15 – 09:45	Discussion			
09:45 – 11:00	Poster Session 2 with coffee break	Participants	M. Grosjean	Congress Centre
	Climate change forcings and feedbacks			
11:00 – 11:45	KN 3: Earth Energy Balance in the observational period	M. Wild	M. Grosjean	Congress Centre
11:45 – 12:15	Discussion			
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Hotel Wolter)		C. Kehl	
14.00 – 14.45	KN 4: Forcing, Feedbacks and Adjustments	B. Stevens	M. Wild	Congress Centre
14.45 – 15.15	Discussion			
15.15 – 16.45	Poster Session 3 with coffee break	Participants	M. Grosjean	Congress Centre
16.45- 18.00	Workshops Groups	Participants	M. Grosjean	Congress Centre
19:00	Dinner		C. Kehl	Hotel Spinne

Tuesday, 28 August

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 5: Biogeochemical cycles in the climate system: a few examples Discussion	F. Joos	N. Gruber	Congress Centre
09:45 – 11:00	Poster Session 4 with coffee break	Participants	W. Tinner	Congress Centre
11:00 – 11:45 11:45 – 12:15	KN 6: Deep decarbonization strategies and their implications for Sustainable Development Goals (SDGs) Discussion	K. Riahi	Th. Stocker	Congress Centre
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Hotel Spinne)		C. Kehl	
	Parallel workshops	Participants, in groups		
14:00 – 18:00	WS 1: Impacts of Climate Change on Mountain Forests: Can Simulation Models Help?	H. Bugmann/ T. Thrippleton		Hotel Hirschen
14:00 – 18:00	WS 2: Transfer function based reconstructions from biological proxy data	O. Heiri		Hotel Spinne
14:00 – 18:00	WS 3: Time series analysis	H. Fischer/T.Erhardt/ F.Adolphi		Congress Centre
14:00 – 18:00	WS 4: Paleodata-model inter-comparison techniques	J. Franke / Chr. Raible		Hotel Wolter
19:00	Dinner		C. Kehl	Hotel Wolter

Wednesday, 29 August

	WHAT	WHO	RESPONSIBLE	WHERE
	The +2°C world and beyond			
08:30 – 09:15 09:15 – 09:45	KN 7: Warmer worlds – learning from the past Discussion	H. Fischer	Th. Stocker	Congress Centre
09:45 – 10:45	Open Poster Session with coffee break	Participants	C. Kehl	Congress Centre
10:45 – 11:15	Workshop Groups			
11:15 – 11:30	Excursion Introduction	M. Grosjean		Congress Centre
11:30 – 18:30	Excursion to Bäregg (including lunch in the field)	All		Field
19:00	Dinner (teachers and staff, participants optional)		C. Kehl	Hotel Spinne

Thursday, 30 August

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 8: Biodiversity in a +2°C world: lessons from long-term ecology Discussion	A. Seddon	W. Tinner	Congress Centre
09:45 – 10:45	Poster Session with coffee break	Participants		Congress Centre
11:00 – 12:15	KN 9: Simulating impacts of climate and land-use change on the terrestrial biosphere: Challenges for dynamic vegetation modelling Discussion	A. Rammig	N. Gruber	Congress Centre
12:15 – 14:00	Lunch (participants: individual; teachers and staff: Hotel Hirschen)		C. Kehl	
14:00 – 18:00	Parallel workshops WS 1: Impacts of Climate Change on Mountain Forests: Can Simulation Models Help?	H. Bugmann/ T. Thrippleton		Hotel Hirschen
14:00 – 18:00	WS 2: Transfer function based reconstructions from biological proxy data	O. Heiri		Hotel Spinne
14:00 – 18:00	WS 3: Time series analysis	H. Fischer/T.Erhardt/ F.Adolphi		Congress Centre
14:00 – 18:00	WS 4: Paleodata-model inter-comparison techniques	J. Franke / Chr. Raible		Hotel Wolter
19:00	Dinner		C. Kehl	Hotel Hirschen

Friday, 31 August

	WHAT	WHO	RESPONSIBLE	WHERE
	Tipping points, rapid changes and extreme events			
08:30 – 09:15 09:15 – 09:45	KN 10: Global weirding or insignificant change? – Extremes in a changing climate? Discussion	E. Fischer	Th. Stocker	Congress Centre
09:45 – 10:15	Coffee break			Congress Centre
10:15 – 11:00 11:00 – 11:30	KN 11: Climate tipping points, early warning prospects and policy implications Discussion	T. Lenton	M. Grosjean	Congress Centre
11:30 – 13:00	Lunch (participants: individual; teachers and staff: Hotel Spinne)		C. Kehl	
13:00 – 15:00	Group Presentations; summary of keynotes Discussion	Participants, groups Panel	M. Grosjean (Th. Stocker / N. Gruber)	Congress Centre
15:00 – 16:00	Closure, Aperitif		C. Kehl	Congress Centre

Venue



Wolter Hotel: Tel +41 33 854 33 33, wolter@grindelwald.ch, <http://grindelwald.ch/wolter/>

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