

## NCCR Climate

**7<sup>th</sup> Summer School 31 August – 5 September 2008**

Lectures and poster sessions: Conference Center Centro Stefano Franscini (CSF), Monte Verità

### Sunday, 31 August

	WHAT	WHO	RESPONSIBLE	WHERE
Afternoon	Arrival, check-in and registration 14:00 to 15:30	Participants, M. Grosjean, M. Wälti	Management Center	CSF
15:30-16:00	Opening and introduction	H. Davies, Ch. Schär, M. Grosjean L. Cantorecci	M. Grosjean	CSF
<b>Overview</b>				
16:00-16:45 16:45-17:15	<b>KN1: Key challenges in climate research</b> Discussion	T. Stocker	M. Grosjean	CSF
17:15-18:00	<b>Working Groups (setting up)</b>	Participants	H. Davies	
18:00-19:00 19:00	Apero Dinner	All	CSF	CSF

### Monday, 1 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30-09:15 09:15-09:45	<b>KN2: The 20th century in the context of the last 1000 years</b> Discussion	P. Jones	H. Davies	CSF
09:45-11:00	Poster Session 1 and coffee break	Participants	M. Grosjean / E. Xoplaki	CSF
<b>The modern climate: processes, observations and models</b>				
11:00-11:45 11:45-12:15	<b>KN3: Radiation in the climate system</b> Discussion	M. Wild	M. Grosjean	CSF
12:30-14:00	Lunch	All	CSF	CSF
14:00-14:45 14:45-15:15	<b>KN4: Climate change and variability in the satellite era</b> Discussion	A. Slingo	C. Appenzeller	CSF
15:15-16:30	Poster Session 2 and coffee break	Participants	M. Grosjean / E. Xoplaki	CSF
16:30-17:15 17:15-17:45	<b>KN5: The Atlantic influence on the global climate</b> Discussion	R. Sutton	C. Schär	CSF
19:00	Dinner	All	CSF	CSF

## Tuesday, 2 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30-10:00	<b>Parallel Workshops 1-4</b> 1. Climate analysis and prediction 2. Chaos pendulum 3. Observations: MW radiometry and IR cam 4. NatCat loss modelling	Group Group Group Group	A. Weigel et al. Ch. Schär et al. C. Mätzler et al. D. Bresch et al.	Sala P Sala E Sala F Audi
10:00-10:30	Coffee break			CSF
10:30-12:30	Workshops continuation	Groups	Dito	Dito
12:30-14:00	Lunch	All	CSF	CSF
<b>Future climate and impacts</b>				
14:15-15:00 15:00-15:30	<b>KN6: The role of aerosols</b> Discussion	U. Lohmann	M. Wild	CSF
15:30-16:45	Poster session 3 and coffee break	Participants	M. Grosjean / E. Xoplaki	CSF
16:45-17:30 17:30-18:00	<b>KN7: Future climate</b> Discussion	J. Slingo	Ch. Schär	CSF
19:00	Dinner	All	CSF	CSF
20:30	Public round table discussion: "Il clima cambia: quali conseguenze per il Ticino? Ambiente, turismo e catastrofi naturali: dai dati scientifici alle azioni concrete sul nostro territorio"	Introduzione: P. Calanca, (Agroscope) Partecipante: A. Bernasconi(SUPSI), M. Borradori (Consigliere di stato), M. Filippini (ETH Zurigo e USI)	Moderata da: G. Pellegrini (Science et Cité)	CSF

## Wednesday, 3 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30-09:15 09:15-09:45	<b>KN8: Future Climate of Europe and the Alps</b> Discussion	C. Schär	H. Davies	CSF
09:45-10:45	Poster Session 4 and coffee break	Participants	M. Grosjean / E. Xoplaki	CSF
10:45-11:30 11:30-12:00	<b>KN9: Impacts on crop yield, and implications for food security</b> Discussion	J. Fuhrer	M. Grosjean	CSF
12:00-13:30	Lunch	All	CSF	CSF
13:30-18:00 19:00	<b>Excursion (hike and/or MeteoSwiss)</b> Dinner (Grotto)	All	M. Grosjean M. Wälti	Field

## Thursday, 4 September

	WHAT	WHO	RESPONSIBLE	WHERE
	<b>Prediction and seasonal forecast</b>			
08:30-09:15	<b>KN10: Ensemble predictions from weather to climate time scales</b>	F. Molteni	C. Appenzeller	CSF
09:15-09:45	Discussion			
09:45-10:30	Coffee break and posters	Participants	M. Grosjean / E. Xoplaki	CSF
10:30-11:15	<b>KN11: From predictability to end-user predictions</b>	C. Appenzeller	M. Wild	CSF
11:15-11:45	Discussion			
12:00-13:30	Lunch	all	CSF	CSF
13:45-17:45	<b>Parallel Workshops 1-4</b> 1. Climate analysis and prediction 2. Chaos pendulum 3. Observations: MW radiometry and IR cam 4. NatCat loss modelling	Group Group Group Group	A. Weigel et al. C. Schär et al. C. Mätzler et al. D. Bresch et al.	Sala P Sala E Sala F Audi
19:00	Dinner	all	CSF	CSF

## Friday, 5 September

	WHAT	WHO	RESPONSIBLE	WHERE
	<b>Hurricanes and risks of extreme weather</b>			
08:30-09:15	<b>KN12: Hurricanes in a changing climate</b>	K. Emanuel	H. Davies	CSF
09:15-09:45	Discussion			
09:45-10:30	Coffee break and posters	Participants	M. Grosjean / E. Xoplaki	CSF
10:30-11:15	<b>KN13: Managing risks of extreme weather</b>	D. Bresch	M. Grosjean	CSF
11:15-11:45	Discussion			
12:00-13:30	Lunch	All	CSF	CSF
13:30-15:00	<b>Working Group presentations (1-5)</b>	Participants, groups	H. Davies	CSF
15:00-16:00	Closure and aperitif	Ch. Schär, H. Davies, M. Grosjean		CSF
16:00	Departure			

Workshops: Workshop 1: Sala Pioda  
 Workshop 2: Sala Eranos  
 Workshop 3: Sala Fahrenkamp  
 Workshop 4: Auditorium

Poster sessions Sala Balint