SWISS CLIMATE RESEARCH

14th International Swiss Climate Summer School
23 August – 28 August 2015
Congressi Stefano Franscini, Monte Verità, Ticino, Switzerland

EXTREME EVENTS AND CLIMATE

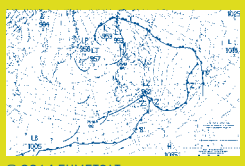
Swiss Climate Research, the network of leading Swiss institutions in climate research and education, invites young scientists to join high-profile climate researchers in a scenic setting in Southern Switzerland for keynote lectures, workshops and poster sessions on the occasion of the 14th International Swiss Climate Summer School 2015.

SCOPE OF THE SUMMER SCHOOL

Weather and climate extreme events can result in large disasters. A changing climate can lead to changes in the frequency, intensity, spatial extent, duration, and timing of these events. Understanding the processes underlying the formation of extreme events and improving the predictability of extreme events is a major scientific challenge and of crucial importance for the society. The specific topics to be addressed include:

– Mechanisms and processes responsible for the occurrence of extreme events
– Observational evidences for changes in extreme events
– Uncertainties in seasonal to interannual predictions and long-term projections of extreme events
– Technical, economic and societal challenges related to extreme events.

The courses cover a broad spectrum of climate and climate impact research issues and foster cross-disciplinary links. Each topic includes keynote plenary lectures and workshops with in-depth discussion in smaller groups. All Summer School participants are expected to present a poster of their research, and there will be ample opportunity for discussion.



LECTURERS FOR KEYNOTES AND WORKSHOPS (CONFIRMED)

L. Alexander (U New South Wales, Australia)
C. Appenzeller (MeteoSwiss, CH)
D. Bresch (SwissRe)
E. Fischer (ETH Zurich, CH)
H. Fowler (Newcastle U, UK)
S. Kotlarski (ETH Zurich, CH)
M. Liniger (MeteoSwiss)
O. Martius (U Bern, CH)
N. Nicholls (Monash U, Australia)
S. Seneviratne (ETH Zurich, CH)
P. Stott (UK Met Office)
D. Thompson (U Colorado)
M. van Aalst (Columbia U, USA)
H. Wernli (ETH Zurich, CH)
R. Wilby (Loughborough U, UK)
F. Zwiers (U Victoria, Canada)

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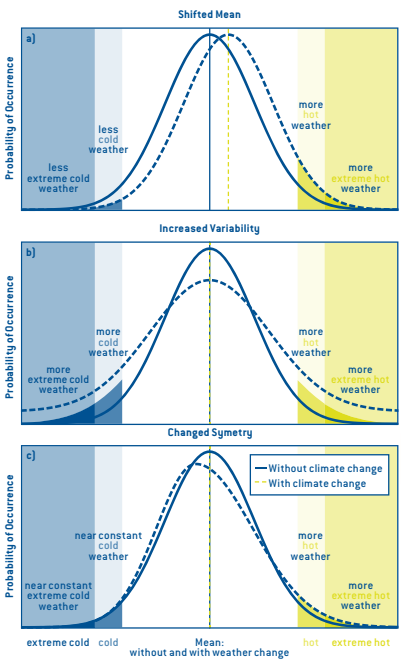
The Summer School is open to young researchers (PhD students and Post-Docs) worldwide from all fields of climate research. Participation is highly competitive and will be limited to a maximum of 70. The Summer School fee (1300 CHF) includes full board accommodation, excursion, and teaching material. A small number of grants will be available for students from developing countries.

DEADLINE FOR APPLICATIONS: 31 DECEMBER 2014

Successful applicants will be notified in February 2015.
Detailed information and the application form are available at:
http://www.c2sm.ethz.ch/education/summerschool2015



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The Swiss Climate Summer School is organized by:

with the support from:

A Sharing Solutions initiative by Swiss Re – towards a sustainable future