



Plants in a Changing Climate

Symposium of the Zurich-Basel Plant Science Center

8 November 2013, ETH Zurich, main building, auditorium maximum

Program

08.45-09.00 Opening remarks by Nina Buchmann, ETH Zurich

Session I chair: Wilhelm Gruiters, ETH Zurich

09.00-09.30 **Wolfgang Lucht**, Potsdam Institute for Climate Impact Research (PIK), Germany
Latest simulations of changes in global vegetation

09.30-10.00 **Peter Langridge**, University of Adelaide, Australia
Breeding food crops for tomorrow's climate

10.00-10.30 **Swetlana Friedel**, IPK Gatersleben, Germany
Lessons from long term crop cultivar climate responses

10.30-11.00 **François Tardieu**, Montpellier INRA, France
Genetic variability of plant responses to temperature and water deficit

11.00-11.30 Break and poster session

Session II chair: Diana Santelia, UZH

11.30-12.00 **Bikram S. Gill**, Kansas State University, USA
Wide hybridization for crop adaptation to heat and drought – progress and prospects

12.00-12.30 **Jürg Fuhrer**, University of Bern & agroscope, Switzerland
Swiss options for cropping under climatic change

12.30-13.00 **Christian Körner**, University of Basel, Switzerland
Climatic envelopes of plant species ranges

13.00-14.30 Lunch and poster session

Session III chair: Gabriela Schaeppman-Strub, UZH

14.30-15.00 **Niklaus Zimmermann**, Federal Institute for Forest, Snow and Landscape Research, Switzerland
Modeling climate change impacts on vegetation and biodiversity

15.00-15.30 **Andrea Pluess**, Swiss Federal Institute of Technology Zurich, Switzerland
Evolutionary potential of marginal forest populations in the context of climate change

15.30-16.00 **David Frank**, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Switzerland
Tree-ring archives of climate change impacts on forest ecosystems

16.00-16.30 **Ansgar Kahmen**, University of Basel, Switzerland
Climatic fingerprints in plant residues

16.30-16.45 **Poster awards** and concluding remarks by **Sam Zeeman**, ETH Zurich, chair PSC

16.45 Apéro and poster session

Program and online poster registration: <http://www.plantsciences.ch/symposium2013>

Poster abstract submission deadline is 29 September 2013.

Admission is free of charge but registration required.

Conference Committee: Nina Buchmann (ETH Zurich), Gurbir Singh Bhullar (ETH Zurich), Wilhelm Gruiters (ETH Zurich), Christian Körner (University of Basel), Diana Santelia (University of Zurich), Gabriela Schaeppman-Strub (University of Zurich), Sylvia Martínez (Zurich-Basel Plant Science Center & University of Basel).