

The Urbino Summer School in Paleoclimatology  
in collaboration with the School of Rock presents

# Past Global Change Reconstruction and Modelling Techniques

University of Urbino, Italy  
July 12- 28, 2017

The 14th summer school of the USSP consortium will focus on past climate dynamics with special emphasis on the analysis of the long-term carbon cycling and its implications in the understanding of present and future climates. USSP 2016 will integrate lectures, symposia, fieldtrips, and exercises on the many different areas of paleoclimatology including biogeochemical cycling, paleoceanography, continental systems, and all aspects of deep-time climate modeling. These techniques and systems will be explored through interactive discussions of Cretaceous OAEs, P/E hyperthermals, the Greenhouse-Icehouse transition, Neogene and Quaternary climate dynamics. The goal of USSP is to provide participants with an advanced working knowledge on the paleobiological and geochemical proxy data and their use in reconstructing and modeling of past climates. USSP2016 will be lead by ~25 leading senior scientists from around the world and we will be able to accommodate ~70 students (end-MSc or early career Graduate and post-Graduate) based on their submitted CVs.

## Deadline for early-registration

April 15th, 2017

## Registration Fee (early registration)

Students: 700 Euros - Academic /industrial staff: 1100 Euros

For more information please visit: [www.urbinossp.it](http://www.urbinossp.it)

## USSP pool of instructors

Carlo Barbante Ca' Foscari University Venice  
Jelle Bijma Alfred Wegener Institute  
Clara Bolton Cerege Aix en Provence  
Gabriel Bowen Utah University  
Henk Brinkhuis NIOZ  
Thomas Cronin USGS National Center  
Robert DeConto University of Massachusetts  
Barbara Del Monte Milano Bicocca University  
Peter DeMenocal Columbia University  
Gerald Dickens Rice University  
Heather Ford Cambridge University  
Jorijntje Henderiks Uppsala University  
Kate Hendry Bristol University  
Chris Hollis GNS Science Lower Hutt  
Matthew Huber Purdue University

Lee Kump Penn State University  
Hugh Jenkyns Oxford University  
Frans Jorissen University of Angers  
Mark Leckie University of Massachusetts  
Lucas Lourens Utrecht University  
Jack Middelburg Utrecht University  
Bette Otto-Bliesner NCAR - Boulder  
Heiko Pälike Bremen University  
Richard Pancost University of Bristol  
Antonello Provenzale CNR - Italy  
Adina Paytan Univ. California Santa Cruz  
Michael Rampino New York University  
Christina Ravelo Univ. California Santa Cruz  
Maureen Raymo Columbia University  
Gert-Jan Reichart Utrecht University

Andy Ridgwell University of Bristol  
Elco Rohling Australian National Univ.  
Jaap Sinninghe Damste NIOZ  
Luke Skinner University of Cambridge  
Caroline Slomp Utrecht University  
Jan Smit Vrije Universiteit Amsterdam  
Howard Spero UC Davis  
Paolo Stocchi Delft University  
Ellen Thomas Yale University  
Jessica Tierney University of Arizona  
Paul Valdes University of Bristol  
Bert Vermeersen NIOZ  
Anna von der Heydt IMAU Utrecht  
James Zachos Univ. of California Santa Cruz  
Richard Zeebe University of Hawaii at Manoa

## Organization and coordination

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