

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 9-August 1, 2011

The 8th 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 2011 will integrate lectures, symposia, fieldtrips, and exercises on the many different areas of paleoclimatology including e.g., biogeochemical cycling, paleoceanography, continental systems, and all aspects of deep time climate modeling. It features interactive discussions of case-studies (e.g. Cretaceous OAEs, P/E hyperthermals, the Greenhouse-Icehouse transition, but also the Neogene and Quaternary climate dynamics, and millennial-scale variability) and will provide participants with an advanced working knowledge on the paleobiological and geochemical proxy data and their use in reconstructing and modeling of past climates.

The USSP consortium is composed of leading senior scientists from around the world of which more than 30 will be involved in active teaching and mentoring in Urbino. USSP 2011 will welcome up to 60 students (end-MSc or early career Graduate and post Graduate) selected on CVs.

Deadline for early-registration

March 15th, 2011

Registration Fee (early registration)

Students: 650 Euros - Academic /industrial staff: 1100 Euros

For more information please visit: www.urbinossp.it

USSP pool of instructors

David Beerling University of Sheffield
Jelle Bijma Alfred Wegener Institute
Steve Bohaty University of Southampton
Gabriel Bowen Purdue University
Raymond Bradley University of Massachusetts
Ken Caldeira Carnegie Institution
Thomas Cronin USGS National Center
Robert DeConto University of Massachusetts
Henk Dijkstra IMAU Utrecht
Gerald Dickens Rice University
Nicolas Gruber ETH Zurich
David Harwood Univ. of Nebraska Lincoln
Gerald Haug ETH Zurich
Jorijntje Henderiks Stockholm University
Chris Hollis GNS Science Lower Hutt
Matthew Huber Purdue University
Paul Koch UC Santa Cruz

Lee Kump Penn State University
Kirk Johnson Denver Museum of Nat. Sc.
Luca Lanci University of Urbino
Mark Leckie University of Massachusetts
Lucas Lourens Utrecht University
Jack Middelburg Utrecht University
Tim Naish Victoria Univ. of Wellington
Ulysses Ninnemann University of Bergen
Mark Pagani Yale University
Heiko Pälike University of Southampton
Richard Pancost University of Bristol
Paul Pearson Cardiff University
Isabella Premoli Silva University of Milan
Isabella Raffi University of Chieti
Maureen Raymo Boston University
Gert-Jan Reichart Utrecht University
Eelco Rohling University of Southampton
Yair Rosenthal Rutgers University

Luke Skinner University of Cambridge
Stefan Schouten NIOZ
Caroline Slomp Utrecht University
Appy Sluijs Utrecht University
Jan Smit Vrije Universiteit Amsterdam
Howard Spero UC Davis
Rudy Stein Alfred Wegener Institute
Catherine Stickley Norwegian Polar Institute
Debbie Thomas Texas A&M University
Ellen Thomas Yale University
Paul Valdes University of Bristol
Anna von der Heydt IMAU Utrecht
Johan Weijers Utrecht University
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Organization and coordination

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