

PROGRAM AGENDA

Day 1 – Wednesday, September 22, 2010

9:00 Symposium Opening

9:20 Introductory Remarks — H. Diaz

Session I *Establishing the MWP/MCA Epoch as a Distinct Period* — Moderator Henry Diaz

9:30 Was there a Medieval Climate Anomaly, and if so, where and when? — M. Hughes

10:00 On the dating and the geographical extent of the MWP — P. Jones

10:30 Reconciling contradictory proxy records of MCA-LIA NAO variability — V. Trouet

11:00 *Coffee Break*

11:30 Can we understand the dynamics of the MCA-LIA transition? — H. Wanner

12:00 Evidence of the Medieval Climate Anomaly in the Mediterranean — E. Xoplaki

12:30 Was the NAO persistently positive during the MCA? — R. D'Arrigo

13:00 **Lunch Break**

Session I (cont.) — Moderator Elena Xoplaki

14:30 Old and new proxies to resolve temperature changes in Medieval time — R. Bradley

15:00 Coral records of central tropical Pacific temperature & hydrology during the Medieval Climate Anomaly — K. Cobb

15:30 The medieval period within a 2000-yr long proxy temperature reconstruction for the Arctic — D. Kaufman

16:00 *Coffee Break*

16:30 The MWP in Greenland ice core data — Bo Vinther

17:00 Bringing the Canadian Arctic ice melt records up to the surface shows the recent melt exceeds that of any period over the last 2 millennia — D. Fisher

17:30 Refining the timing and magnitude of Medieval warmth in the NW North Atlantic — G. Miller

18:00 Adjourn for the Day

Day 2 – Thursday, September 23, 2010

Session I (cont.) — *Moderator* Malcolm Hughes

09:00 The Medieval climate of Europe: results of the Millennium Project — D. McCarroll

09:30 Evidence from 180 proxy records of widespread N. Hemisphere warmth in the 9th to 11th centuries — F. C. Ljungqvist

10:00 A robust reconstruction of the April to September temperature in Europe during the Medieval period—J. Guiot

10:30 *Coffee Break*

11:00 Paleoclimates of North America within the context of NH-scale climate change of the past 2000 yrs — A. Viau

11:30 New Pollen-based reconstructions of summer temperature in central/eastern North America and implications for differences in MCA-LIA circulation patterns — E. Wahl

12:00 Why medieval climate matters to southwestern North America: sharpening our paleoclimatic focus on the future — J. Overpeck

12:30 **Lunch Break**

14:00 Multiproxy summer surface air temperature reconstructions for southern South America back to AD 900 — J. Luterbacher

14:30 Expression of the Medieval Climate Anomaly in speleothems — D. Fleitmann

Session II *Climate Reconstruction Tools and Numerical Modeling of the MWP/MCA Climate* —
Moderator Ray Bradley

15:00 Potential dynamical mechanisms underlying the pattern of the MCA — M. Mann

15:30 Evidence for global climate reorganization during medieval times — N. Graham

16:00 *Coffee Break*

16:30 Global medieval hydroclimate: What we do, do not, and need to know — R. Seager

17:00 Results from ensemble simulations of the last millennium — D. Shindell

17:30 New perspectives on the role of the AMO in MWP drought: Results from proxy data and climate model analyses — R. Oglesby

18:00 Adjourn for the Day

Day 3 – Friday, September 24, 2010

Session II (cont.) — *Moderator* Henry Diaz

- 09:00 Reconstructing climate changes over medieval times using climate model simulations with data assimilation — H. Goosse
- 09:30 Last millennium as represented by a suite of GCM forced simulations and reconstructions — F. González-Rouco
- 10:00 Northern Hemisphere blocking activity during the last millennium as simulated by the ECHO-G model — D. Barriopedro
- 10:30 *Coffee Break*
- 11:00 Solar activity during the Medieval Climate Anomaly — R. Trigo
- 11:30 The last millennium climatic record off Iberia — F. Abrantes
- 12:00 Paleohydrological signatures of the Medieval Warm Period in the Iberian Peninsula reconstructed from lacustrine records — B. Valero-Garcés
- 12:30 **Lunch Break**
- 14:00 The PAGES 2k Initiative — L. Newman
- 14:20 Plenary Discussions—Identification of critical unresolved research issues regarding the spatio-temporal characteristics of the MWP/MCA epoch
- 15:00 Symposium Closing Remarks
- 15:05 Symposium Ends