UMass Amherst
Climate Science Symposium
Department of Geosciences
Integrated Science Building Auditorium
Saturday 19th October, 2013
9 AM - 4pm

All Welcome to this Public Event!

9.00-9.30: André Berger, Université catholique de Louvain, Louvain-la-Neuve
Pleistocene warm climates, analogs of the Anthropocene?

9.30-10.00: Dominique Raynaud, French National Center for Scientific Research, Grenoble
What ancient air trapped in ice tells us about past atmosphere and climate

10-10.30: Warren Washington, National Center for Atmospheric Research, Boulder
The future development of earth system models: resolution and complexity

10.00-10.35: COFFEE BREAK

10.35-11.00: Julie Brigham-Grette, University of Massachusetts, Amherst
The Pulse of Arctic Change over the past 3.6 M years from Lake El'gygytgyn, NE Arctic Russia

11.00-11.25: Tim Herbert, Brown University, Providence
Climate rhythms immediately preceding Northern Hemisphere Glaciation
11.25-11.50: Qiuzhen Yin, Université catholique de Louvain, Louvain
Where and why a Mid-Brunhes Event (MBE)?

11.50-12.15: Jerry McManus, Columbia University, New York
André, Dom, and MIS 11: Extended warmth amid the ice ages

12.15-1.30: LUNCH

1.30-1.55: Mark Pagani, Yale University, New Haven
The Nature and Reality of a Permanent El Nino State During Periods of Global Warming

1.55-2.20: Rob DeConto, University of Massachusetts, Amherst
Future sea level rise: lessons from the past

2.20-2.45: Lonnie Thompson, Ohio State University, Columbus
Earth’s climate history as recorded in glaciers and ice caps on the world’s highest mountains

2.45-3.10: Stephen Burns, University of Massachusetts, Amherst
Tropical hydrology over the last glacial cycle

3.10-3.35: Peter DeMenocal, Columbia University, New York
Holocene climate and life in North Africa

3.35-4.00: Gavin Schmidt, NASA/GISS, New York
What good are climate models?

Symposium to be followed by
Department Open House and the opening of the Rausch Mineral Gallery, Morrill Science Building Room 254 and 243.
Parking available at the UMass Parking Garage.