

Bert Bolin Centre for Climate research, Stockholm University

Core Theme 7, Workshop on Climate Modeling

22-23 September 2011

Co-sponsored by Core Theme 7 and SeRC Climate Community

1-Aug-11

Såstaholm, Täby (www.sastaholm.se)

Thursday, September 22, 2011

10:00 **Coffee**

10:20 *Welcome and introduction* – Gunilla Svensson, MISU

10:40 *Circulation, variability and decadal predictability* – Colin Jones, Rossby Centre

11:00 *Unresolved scales* – Kevin Noone, ITM

11:20 *Paleoclimate modeling* – Anders Moberg, INK

11:40 *Arctic climate change* – Michael Tjernström, MISU

12:00 **Lunch**

13:00 *Integrated modeling of (Ant-)Arctic Paleoglacial Systems (IMAPS)* – Nina Kirchner, INK

13:15 *The variability of the thermohaline circulation during the last 150 years as simulated by EC-Earth* – Kristofer Döös, MISU

13:30 *Aerosol modeling* – Ilona Riipinen, ITM

13:45 *Process based model evaluation* – George Tselioudis, MISU

14:00 *Atmospheric circulation* – Rodrigo Caballero, MISU

14:15 *Ocean paleo-modeling* – Agatha de Boer, IGV

14:30 *Paleomodeling* – Eduardo Zorita, INK

14:45 *Embedding stable water isotopes in climate models: towards the assimilation of isotopic proxies for climate reconstruction* – Christophe Sturm, IGV

15:00 **Coffee Break**

15:30 *Decadal Prediction of Tropical Cyclones in the Atlantic: toward predicting hurricanes a few years ahead of time* – Louis-Philippe Caron, MISU

15:45 *Long term hydro-climatic changes in the Baltic Sea Drainage Basin* – Lebing Gong, INK

16:00 *Modeling Holocene climate evolution and variability* – Jenny Brandefelt, KTH

16:15 *Swedish e-Science Research Centre (SeRC)* – Mattias Chevalier, KTH

16:40 **Break**

17:00 *Discussion*

18:00 **End of day**

19:30 **Dinner**

Friday September 23, 2011

08:00 **Breakfast**

09:00 *Introduction to group discussions*

09:10 *Group discussions including coffee*

11:00 *General discussion and conclusions*

12:00 **Lunch**