



ACADÉMIE ROYALE
des Sciences, des Lettres et des Beaux-Arts
DE BELGIQUE

Académie Royale des Sciences, des Lettres et des Beaux-Arts
Salle du Trône
Brussels - Belgium

October 4th - 2011 - Brussels

13:00-14:00 **Registration**

14:00-14:20 **Welcome addresses**

Academic Authorities, Université Libre de Bruxelles (ULB), Belgium

P. Henry, Minister of Environment, Land use Planning and Mobility, Wallonia, Belgium (tbc)

PART I

Chair: Prof. F. T. Mackenzie, University of Hawaii, Honolulu, USA

14:20-14:40 **Prof. P. Regnier (ULB) & the International Scientific Organizing Committee, Belgium**

Aims and scope of the workshop

14:40- 15:20 **Dr. P. Ciais, Laboratoire des Sciences du Climat et de l'Environnement, Gif-sur-Yvette, France**

Global and regional C budgets, uncertainties and challenges in the context of the boundless C Cycle

15:20-16:00 **Dr. R. Spahni, University of Bern, Switzerland**

Natural sources and sinks of atmospheric methane: trends and variability

16:00-16:30 **Coffee break**

PART II

Chair: Prof. P. Van Cappellen, University of Waterloo, Waterloo, Canada

16:30-17:10 **Prof. C. Heinze, University of Bergen, Norway**

Modelling the global marine carbon cycle 'end-to-end'

17:10-17:50 **Prof. P. Cox, University of Exeter, United Kingdom**

Will tropical forests dieback under climate change? Clues from year-to-year variations in atmospheric carbon dioxide.

17:50-19:30 **Reception**