

Monday, September 14

09:00 – 09:30

The global predicament we are in

Pieter P. Tans (Boulder/US)

14:00 – 14:30

How well do we know the flux of CO₂ from land-use change?

Richard A. Houghton (Woods Hole/US)

Tuesday, September 15

08:30 – 09:00

Future stability of land carbon sink and dynamic disequilibrium of carbon cycle

Yiqi Luo (Norman/US)

14:00 – 14:30

The variable ocean sink for atmospheric CO₂: why does it change, and how can we monitor it?

Andrew Watson (Norwich/UK)

Wednesday, September 16

08:30 – 09:00

¹³C and ¹⁸O observations open a new window to understand the ice age carbon cycle

P. Ciais, A. Tagliabue (Gif sur Yvette/FR), M. Cuntz (Leipzig/DE), L. Bopp, G. Hoffmann (Gif sur Yvette/FR), M. Scholze, C. Prentice (Bristol/UK), J.D. Paris, A. Lourantou (Gif sur Yvette/FR)

14:00 – 14:30

50 years of atmospheric ¹⁴CO₂ observations – a key for recent carbon cycle research

Ingeborg Levin (Heidelberg/DE)

Thursday, September 17

08:30 – 09:00

The full greenhouse gas balance compensates the terrestrial carbon sink of EU-25

Ernst-Detlef Schulze (Jena/DE)

Friday, September 18

08:30 – 09:00

Fluxes and transport of CO₂ and associated greenhouse gases: Continental and global scale studies from aircraft.

Steven Wofsy (Cambridge/US)

14:00 – 14:30

Long-term stability of the global carbon cycle in the climate system

David Archer (Chicago/US)