

## Wednesday

	8:30 Light breakfast available
	9:00 Welcome & logistics
Overview/general	9:15 An overview of opportunities & challenges for O2. Ralph Keeling 9:40 Carbon isotope constraints on fossil & land biosphere. John Miller
Instrumentation	10:05 Standard gas preparation. Tim Lueker
	10:30 Break
	10:45 Trace gas interference. Nobuyuki Aoki 11:10 Harvard Forest instrument performance. Edie Salzig 11:35 Sampling and analysis in ICOS. Markus Erritt
	12:00 Catered Lunch
	13:30 Results of GOLLUM. Andrew Manning 13:55 Using O2 in the GBC & monitoring systems. Ingrid Luijckx
	14:20 Group discussion: Merging datasets & creating an O2 ObsPack. Ingrid leads
	15:05 Break
The global budget	15:20 APO and the global ocean sink. Andy Watson 16:05 Global budget imbalance/southern ocean. Andrew Manning 16:30 Metal refining and the global oxygen budget. Mark Battle 16:55 End of day

## Thursday

	8:30 Light breakfast available
Modelling	9:00 APO forward MIP. Britt Stephens 9:25 Ocean O2 uptake due to bubbles. Changyu Li 9:50 Using O2 for Western Europe FF emissions. Penelope Pickers
	10:15 Break
Ocean fluxes	10:30 APO over the Atlantic: Dieu Anh Tran 10:55 APO seasonal cycles in the Pacific: Yasunori Tohjima 11:20 APO at northern high latitudes: Cynthia Nevison
	11:45 Catered Lunch
	13:15 APO at Cold Bay: Eric Morgan 13:40 Long term trend in NH APO: Ralph Keeling
Airborne observations	14:05 Seasonal APO from airborne measurements: Yuming Jin
	15:00 Break
	15:20 APO & Ar/N2 at the surface and aloft: Shigeyuki Ishido
Land processes	15:45 Variability in O2 and CO2 at Svalbard: Daisuke Goto
	16:10 Group discussion: The WMO/GGEM O2 chapter. Britt leads.
	16:55 Break
	18:00 Catered Dinner

## Friday

	8:30 Light breakfast available
	9:00 Continuous O2 measurements in the UK: Karina Adcock 9:25 The diurnal cycle of O2 above a forest: Kim Faassen 9:50 Ecosystem scale measurements: Andrew Manning
	10:15 Break
	10:30 Carbon Isotopes for ecosystem processes: Bharat Rastogi 10:40 Urban respiration: Xiaoyue Liu
	11:05 Group discussion: Next steps, best practices. Leader TBD
	11:50 Catered Lunch, followed by excursion