

## The stratosphere - past, present and future

A meeting of the Atmospheric Chemistry Special Interest Group of the Royal Meteorological Society

Lecture Room A, George Porter Building (Dept. Chemistry), University of Leicester, on Tuesday 7 April 2009

Draft agenda on 12 Feb 09

10:00	Tea and Coffee	
		Chair – Paul Monks
10:25	Introduction & The Past	Paul Monks (University of Leicester)
10:40	The Brewer-Dobson circulation – is there a trend?	Howard Roscoe (BAS)
11.10	Stratospheric water vapour – enigma or Rosetta Stone?	Stefan Füglistaler (University of Cambridge)
11.40	Cirrus and water vapour in the UTLS	Rob MacKenzie (University of Lancaster)
12.10	Dynamical connections between stratosphere and troposphere	Peter Haynes (University of Cambridge)
12.40	Descent of NO <sub>x</sub> from the mesosphere: how much does it influence the stratosphere?	Mark Clilverd (BAS)
13:10	Lunch	
		Chair – Howard Roscoe (BAS)
2.00	HIRDLS satellite results for the stratosphere - exchange with the troposphere and gravity waves	John Barnett (University of Oxford)
2.30	The 2002 Southern Hemisphere major stratospheric warming: new ways of thinking about the dynamics of the split	Clare Oatley (University of Reading)
3:00	The future	Martyn Chipperfield (University of Leeds)
3:30	Tea	
3:50	The future – is the Montreal Protocol losing its grip?	Dick Derwent (rdscientific, Newbury)
4:20	The ClO dimer - are present models wrong?	Francis Pope (University of Cambridge)
4:40	Recent results from MLS on the Aura satellite	Hugh Pumphrey (University of Edinburgh)
5:10	End of day	

The cost of the meeting is £11 in advance or £15 on the day. This includes buffet lunch, teas and coffees. Register in advance by mailing a cheque for £11 payable to ACSG, with email address for acknowledgement and receipt, to the ACSG Convener: Dr H K Roscoe, BAS, Madingley Rd, Cambridge CB3 0ET

For more information contact ACSG Convener at [h.roscoe@bas.ac.uk](mailto:h.roscoe@bas.ac.uk)

Map and directions can be found at <http://www.le.ac.uk/maps/>