

JOINT MEETING PROGRAMME – SIS, RMetS and WCSIM

The weather, measur'd: 400 years of meteorological instrument technology

Saturday 13 June 2020 – Glaziers' Hall, 9 Montague Close, London SE1 9DD

<i>Time</i>	<i>Topic/title</i>	<i>Speaker</i>
0945	Registration, tea/coffee	
1000	SIS AGM <i>[no fee to attend AGM only]</i>	
1030	Welcome and introduction	Master, Worshipful Company of Scientific Instrument Makers
Session one – Temperature measurements		
1040	The first thermometers in England and the Central England Temperature series	Stephen Burt FRMetS <i>University of Reading</i>
1105	From mercury to silicon	Dr Simon Bell <i>University of Birmingham</i>
1130	The challenges of making temperature measurements in Antarctica	Steve Colwell <i>British Antarctic Survey</i>
1155	<i>Morning session speaker Q&A panel</i>	
1210	<i>LUNCH (buffet lunch included)</i>	
Session two – Pressure measurements		
1330	Early barometers: instruments, scales and makers in England to 1851	Dr Gloria Clifton <i>National Maritime Museum and Royal Observatory at Greenwich</i>
1355	Luke Howard's barograph clock and urban climate studies	Alison Boyle FRAS <i>Science Museum, London</i> and Stephen Burt FRMetS <i>University of Reading</i>
1420	Early barometer observations and their use in modern climatology	Dr Richard Cornes FRMetS <i>National Oceanography Centre</i>
1445	Using historic pressure observations to reconstruct extreme weather	Dr Philip Brohan <i>Met Office Hadley Centre, Exeter</i>
1510	<i>Refreshments</i>	
Session three – Wind measurements		
1540	Aeolus: a 21st-century spaceborne anemometer	Dr Roland Meynard <i>European Space Agency</i>
1605	From the surface of the ocean to the top of the atmosphere – meteorological observing, how hard can it be?	Stuart Goldstraw <i>Head of Observations - Operations</i> <i>Met Office, Exeter</i>
1640	<i>Panel – all speakers</i>	
1700	Meeting close	