

### Session 1: Welcome and Scene Setting

10:00 – 10:10	Welcome	Hayley Fowler (Newcastle University)
10:10 – 10:40	Invited talk: 60 years of Precipitation Measurements	David Archer (Newcastle University)

### Session 2: Instruments and Applications

10:40 – 11:10	How Much Rain Are We Missing? Quantifying and Mitigating Rain Gauge Undercatch Improvements in rain gauge design and measurements to minimise undercatch errors	Ruth Dunn (Newcastle University)  Mark Dutton (Newcastle University)
11:10 – 11:30	Refreshments	
11:30 – 12:00	Invited talk: Objective methods to measure rainfall duration.	Stephen Burt (University of Reading)
12:00 – 12:20	Recent improvements to the EA's raingauge network.	Antonia MacDonald (Environment Agency)
12:20 – 12:40	The challenges of making precipitation measurements in Antarctica	Steven Colwell (British Antarctic Survey)
12:40 – 13:00	Using microwave links to estimate precipitation – experience from the River Severn	John Wallbank (UK Centre for Ecology & Hydrology)

**Lunch** (a buffet lunch will be provided)

### Session 3: Events and Data Uses

14:00 – 14:20	Invited speaker: Integrating Real-Time Rainfall Sensor Data into dynamic flood risk assessment: Pitfalls and progress towards digital twins	Amy Green (Newcastle University)
14:20 – 14:40	Characteristics of precipitation associated with post-tropical cyclones in the North Atlantic	Haider Ali (Newcastle University)
14:40 – 15:00	Quality controlling (sub-daily) rain gauge data	Tom Keel (UK Centre for Ecology & Hydrology)
15:00 – 15:20	Standardisation of precipitation measurements	Rod Wilkinson (Retired, UK Water Industry / CEN)
15:20 – 16:00	Posters and refreshments	

**Posters:**

Title	Presenter
TBC	Mike Brennek (Institute of Geophysics, Polish Academy of Sciences)

We welcome submission of more abstracts for poster presentations. Submissions to be made by 31<sup>st</sup> July 2025.

Registration for attendees is also open until 31<sup>st</sup> July 2025.