

Poster Presentation Board Numbers

Poster Number	Presentation Title
1	Analysis of the Impacts of Aircraft Observations on Global NWP Matthew Fry, Foundation Scientist - Observation Network Design, Met Office
2	Analysis of Netatmo Data Quality within the London Local Area Model Domain Matthew Fry, Foundation Scientist - Observation Network Design, Met Office
3	*<i>Australian Precipitation Extremes Over the Last Millenia: How do Ephemeral Lake Records Compare Against Climate Models?</i> Sophie Grunau, PhD Student, University of Wollongong
4	*<i>Satellite Observations and Modelling of Hydrogen Cyanide Emissions during Indonesia 2015 Peat Fire Season</i> Antonio Giovanni Bruno, PhD Student, University of Leicester, NCEO
5	Understanding the Stratospheric Response to Arctic Amplification Regan Mudhar, PhD Student, University of Exeter
6	Quantifying the Impact of Heat and Climate Change on the London Underground Infrastructure Sarah Greenham, PhD Student, University of Birmingham
7	Marine Cloud Brightening Geoengineering William Smith, PhD Student, University of Cambridge
8	Quantifying the Influence of Climate Change on UK Winter Extreme Rainfall Daniel Cotterill, Climate Scientist/PhD Student, Met Office and University of Bristol
9	Atmospheric forcing of the Northeast Water Polynya Miriam Bennett, PhD Student, University of East Anglia
10	Marine Biomass Regeneration at Scale - A Natural Carbon Capture Technique Elisavet Baltas, PhD Student, Centre for Climate Repair at Cambridge, Department of Engineering, University of Cambridge
11	Atmospheric Dynamics of Daily 100-year Precipitation Events over Central Europe and the Difference to More Moderate Extreme Events Florian Ruff, PhD Student, Freie Universität Berlin, Germany
12	Investigation of the Production of Trifluoroacetic Acid from Two Halocarbons, HFC-134a and HFO-1234yf, and Its Fates Using a Global Three-Dimensional Chemical Transport Model Rayne Holland, Postgraduate Research Student, University of Bristol
13	*<i>Climatology and Simulations of Precipitation Bands Associated with Extratropical Cyclones over the British Isles</i> Tianhang Zhang, PhD Student, University of Manchester
14	*<i>Analysis of the Temporal Distribution of PM_{2.5} Concentrations Before and After Lockdown in London, U.K.</i> Balendra V.S. Chauhan, PhD Scholar, University of Brighton

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15	<p>Analysis of Different Types of Precipitation over China using Machine Learning Algorithms Yi Wang, PhD Student, University of Exeter</p>
16	<p>A Numerical Model of Frazil Ice in Meltwater Plumes Amelia Adcroft, Masters Student, University of Oxford</p>
17	<p>Extratropical Cyclone Characteristics and the Signal-to-Noise Paradox Eswyn Chen, Postgraduate Researcher/PhD Student, University of Leeds</p>
18	<p>Measuring Mesoscale Gradients at High Latitudes during HALO-(AC)3 to Force and Evaluate LES-Simulations Fiona Paulus, PhD Student, Institute for Geophysics and Meteorology, University of Cologne</p>
19	<p>Utilising Remote Engagement to Collaborate and Co-Produce Climate Services with Partners Across the World Dr Stacey New, Climate Services Scientist, Met Office</p>
20	<p>Atmospheric Gravity Waves in Aeolus Wind Lidar Observations Timothy Banyard, PhD Student, University of Bath</p>
21	<p><i>*The Potential of Urban Trees to Remove Air Pollutants, Carbon and Heat: A Large-Scale Analysis based on Google Street View</i> Yanzhi Lu, PhD Student, University of Birmingham</p>
22	<p><i>*A New Framework for Understanding Multi-Peril Dependency: The Correlation between Wind and Rain Aggregate Losses due to European Windstorms</i> Toby Jones, PhD Student, University of Exeter</p>
23	<p>Should Global Climate Model Forecasts be Used to Calculate Localised Extreme Climate Risk Indices? Mala Virdee, PhD Student, University of Cambridge</p>
24	<p>Atmospheric Gravity Wave Observations over the Andes and Antarctic Peninsula Phoebe Noble, PhD Student, University of Bath</p>
25	<p>The Relationship between Atmospheric Heat Transport and Monsoonal Precipitation Variability MD Rabiul Awal, PhD Student, Department of Meteorology, University of Reading</p>
26	<p>Influence of Dynamical Factors on Seasonal Forecast of Winter Windstorms over Europe Lisa Degenhardt, PhD Student, University of Birmingham</p>
27	<p>Using Machine Learning to Predict Road Surface Conditions Alice Lake, Foundation Scientist, Met Office</p>
28	<p>Atmospheric Variability in the Northern Hemisphere Winter in a Warm Past and a Future Climate Arthur Oldeman, PhD Candidate, Institute for Marine and Atmospheric Research, Utrecht University, the Netherlands</p>

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29	<p><i>*An Approach for Targeting the Resolution of Weather and Climate Models to Where they will be Most Effective</i> Alex Brown, Foundation Scientist, Met Office</p>
30	<p>Understanding the Mechanism of MSA Formation in the Atmosphere Lorrie S.D. Jacob, PhD Student, University of Cambridge</p>
31	<p>Moisture with Gusto: Towards Moist Shallow Water Test Cases using the Gusto Dynamical Core Toolkit Nell Hartney, PhD Student, University of Exeter</p>
32	<p>An Investigation of Shipping Sulphur Emissions following Changes to UN Regulations using the FAAM Airborne Laboratory Research Aircraft Stephanie Batten, Student, NCAS</p>
33	<p>Multi-Model Attribution of Extremes in Fire Weather Intensity and Duration using CMIP6 Ensembles Zhongwei Liu, PhD Researcher, University of Coventry</p>
34	<p>The Influence of Mid-Level Dry Air Intrusions on Maritime Continent Rainfall Ashar Aslam, PhD Student, University of Leeds</p>
35	<p>Tropical Cyclone Activity in Southeast Asia Haider Ali, Research Associate, Newcastle University</p>
36	<p>Black Summer: A Retrospective Analysis of Bushfire Incidence in New South Wales, Australia Amy Duffy, Operational Meteorologist Technician, Met Office</p>
37	<p><i>*Hydrological Coherence of Flood-Prone Agricultural Soils</i> Lucía M Cappelletti, PhD Student, CONICET – Universidad de Buenos Aires and CNRS – IRD – CONICET – UBA, Instituto Franco-Argentino</p>
38	<p>Deep Learning Techniques for Trapped Lee Wave Detection and Characterisation in NWP Model Output Jonathan Coney, University of Leeds</p>