Poster Presentation Board Numbers

Poster Number	Presentation Title
1	**An Analysis of the Daily Variation in the LLJ at BBM, Algeria and Comparison to ERA5** Alice Reynolds (she/her), Student, School of Geography and the Environment, University of Oxford
2	**Ground-Truthing of the ICESat-2 Atmospheric Backscatter** Andrew Martin (he/him), PhD Student, University of Leeds
3	**Trends and Regional Variation in Upper Tropospheric Humidity** Thea Stevens (she/her), PhD Student, University of Reading
4	**Future Changes in East African Long Rains and Indo-Pacific Warming** Thea Stevens (she/her), PhD Student, University of Reading
5	**Application of Stochastic Partial Differential Equations to the problem of Radar Nowcasting** Viv Atureta (she/her), Postgraduate Research Associate, University of Exeter
6	**Decadal Modulation of El Niño-Southern Oscillation by Atlantic Multidecadal Variability** Arundhati Kalyan (she/her), Postgraduate Researcher/PhD Student, School of Earth and Environment, University of Leeds
7	**High Resolution Simulations of European Air Quality in 2050 Following Different Shared Socioeconomic Pathways** Connor Clayton (he/him), PhD Student, University of Leeds
8	**Observational Uncertainty in Recent Temperature Changes over Africa from Multiple Observational Products** Dan Green (he/him), Postgraduate Teacher and PhD Student, University of Bristol
9	**The use of Crowdsourced Observations to Build Climate Grids and Assess Urban Heat Hazard** Matthew Fry (he/him), Scientist – Observation Network Design, Met Office
10	**Mixed Layer Heat Budget Analysis in the Eastern Equatorial Indian Ocean during the Positive Indian Ocean Dipole Events in 2018 and 2019** Aparna Anitha Reghunathan (she/her), PhD Student, School of Environmental Sciences, University of East Anglia
11	**Earth System Impacts of a Climate Overshoot Scenario** Selena Zhang (she/her), MPhil Student, University of Cambridge
12	**The Hybrid Tangent Linear Model – A novel approach to forecast model linearisation in 4D-Var data assimilation** Tom Hill (he/him), Foundation Scientist in Data Assimilation, Met Office (UK)
13	**Numerical Investigation of High Impact Foehn Storm in February 1925 using WRF and PALM Mode**

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	Renuka Prakash Shastri (she/her), PhD Student, University of Bern, Switzerland
14	**How Well Do Forecast Models Represent Liquid and Ice Phases in Clouds?** Matt Evans (he/him), Cloud & Aerosol Research, Met Office
15	**Decadal Climate Forecasting for the Energy-Sector** Ben Hutchins (he/him), PhD Student, Department of Meteorology, University of Reading
16	**Tracking Storms and Extreme Rainfall over South America in km-Scale Simulations of Present and Future Climate** Harriet Gilmour (she/her), PhD Student, University of Exeter
17	**Extreme Event Attribution for a Midlatitude Cyclone using Medium-Range Forecasts** Shirin Ermis (she/her), Doctoral Researcher, University of Oxford, AOPP
18	**Assessment and Optimisation of Carbon Monoxide Measurements at the FAAM Airborne Laboratory** Eve Grant (she/her), MChem Placement Student, FAAM
19	**Developing Tailored Rainfall Information Packs for UK Cities** Rebecca Sawyer (she/her), Applied Scientist (Foundation Scientist), Met Office
20	**Seasonal Rainfall Trends and Drought Characteristics over Northern Uganda** Joan Badebye (she/her), Student/Graduate Trainee, University of Reading/ Uganda National Meteorological Authority
21	**Impact of Ocean Resolution on the Simulation of ENSO and its Teleconnections** Ned Williams (he/him), PhD Researcher, University of Exeter
22	**Can we Improve Short-Range Plume Dispersal Modelling for Fire Related Emergency Response Operations?** Nicola Stebbing (she/her), Foundation Scientist, Met Office
23	**The Role of Ozone in S2S Weather Prediction** Meryl C. Anil (she/her), PhD Student, University of Reading
24	**Indian Ocean Systematic Biases in the Met Office Global Coupled Model** Hannah Ellis (she/her), Scientist – Global Coupled Modelling, Met Office
25	**The Impact of Rotation Rate on Clouds** Daniel A. Williams (he/him), PhD Student, University of Exeter
26	**Fusion of MODIS and Landsat to determine Land Surface Temperature of Dhaka Megacity** Nigar Sultana Parvin (she/her), Doctoral Researcher, University of Birmingham
27	**Exploiting Grid Orthogonality: Solver Optimisation in New Met Office Regional Models** Benjamin Buchenau (he/him), Placement Student, Met Office, University of Edinburgh

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28	**Seasonal Forecasting of the Physical Marine Environment of the European North West Shelf** Jamie Atkins (he/him), PhD Student, University of Exeter
29	**Enhanced Climatology of Large Hail in the UK: Radar-derived diurnal cycle and storm mode** Henry Wells (he/him), Doctoral Researcher, Department of Geography and Environment, Loughborough University
30	**Probabilistic Machine Learning for Predicting Atmospheric Convection** Greta Miller (she/her), PhD Student, Department of Physics, University of Oxford
31	**Suitability of Entraining Parcel Models for Parameterisation of Convection** Jure Zgubic (he/him), PhD Student, University of Cambridge
32	**Using a High-Resolution Climate Model (CP4A) - For wind power projections in Tanzania** Alexander Chamberlain-Clay (he/him), Scientific Software Engineer, Met Office
33	**Comparing Gravity Waves Sampled from a Kilometre-Scale IFS run to AIRS Satellite Observations** Emily Lear (she/her), PhD Student, University of Bath
34	**Multivariate Skill and Spread in the Energy Sector** Emma Patmore , Meteorologist, Lake Street Consulting Ltd
35	**Nowcasting of Convective Thunderstorms using 3D Radar Cell Tracking** Andrew McNaughton (he/him), Foundation Scientist, Met Office
36	**A Novel Method for Identifying Gravity Waves from Satellite Observations** Peter Berthelemy (he/him), PhD Student, University of Bath
37	**Detection and Attribution of Climate Change in UK Hazards and their Impacts** Regan Mudhar, PhD Student, University of Exeter
38	**The Seasonal Teleconnections of the Indian Ocean Dipole to the North Atlantic Region** Tim Hempel (he/him), PhD Student, University of Oxford
39	**Extreme Temperature Indices Based on Satellite Land Surface Temperature Data** Josh Blannin (he/him), Foundation Climate Observation Scientist, Met Office Hadley Centre
40	**The Characteristics of Trapped Lee Waves over the UK** Hette Houtman (he/him), PhD Student, University of Reading
41	**Does the Application of Shelf-Sea Model S2P3 Refine SST Estimates for Impact Assessments?**

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	Josh Wiggs (he/him), Scientific Software Engineer, Met Office
42	**A Framework for Understanding the Correlation between Aggregated Losses of Compound Events** Toby P. Jones (he/him), PhD Student, University of Exeter
43	**Using Infographics to Communicate Climate Information** Hannah Griffith (she/her), Climate Scientist, Met Office
44	**Understanding the Influence of Arctic Weather Systems on Predictive Skill Across Mid-Latitudes** Doug Wood (he/him), PhD Student, University of Reading
45	**Exploring Trends in UK River Flow: An approximate Bayesian approach for detection and analysis** Tommy Irons (he/him), PhD Student, University of Exeter
46	**The Pliocene as an Analogue for our Warmer Future** Lauren Burton (she/her), Postgraduate Researcher, University of Leeds
47	**Summer Compound Heatwaves over China: Projected changes at different global warming levels and related physical processes** Mingming Zhang (she/her), PhD Student, University of Reading
48	**The Roles of Anthropogenic Forcings on the Decadal Changes of Summer Heatwaves over China** Mingming Zhang (she/her), PhD Student, University of Reading
49	**The Signal To Noise Paradox: Assessing Climate Models' Ability To Accurately Predict Atmospheric Circulation Variability** Frankie Cottrell (she/her), Student, University of Exeter
50	**Video-Based Convolutional Neural Networks for Rainfall Forecasting** Dr Andy Barnes (he/him), Lecturer in Artificial Intelligence, University of Bath
51	**ADS-B Interferometry: A new source of humidity observations** Ollie Lewis (he/him), PhD Student, Met Office & University of Exeter
52	**Analysing the Influence of Environmental Conditions on Air Temperature Measurements** Natali Giselle Aranda (she/her), PhD Student, Politecnico di Torino
53	**The Impact on Forecast Skill for Post-Processed Met Office Visibility Forecasts when Using a New Underlying Visibility Physics Model, VERA** Will Luscombe (he/him), Foundation Scientist, Met Office
54	* ***Sensitivity of Ocean Model Simulations in the Adriatic Sea to ERA-Interim and ERA5 Reanalyses*** Javad Babagolimatikolaei, PhD Student, University of Manchester
55	**Understanding the Dynamic and Energetic Association between ITCZ Migration and Cloud Bias in Climate Models over Tropical Africa*** Tomviezibe Cephas Dombo (he/him), PhD Scholar, Indian Institute of Technology, DelhiIndian Institute of Technology, Delhi
56	***Enhancing Smallholder Farmers' Resilience through Effective Climate Communication Channels in Rwanda: A case study of***

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	ruhango district Alexis Nzeyimana, Observation Supervisor, Rwanda Meteorology Agency

**Virtual Presenters*