



RMetS Student and Early Career Scientist Conference 2021 Poster Board Numbers

Poster Number	Poster Title
1	Pressure Drag for Shallow Cumulus Clouds: From Thermals to the Cloud Ensemble Jian-Feng, Gu, , University of Reading
2	Quantifying Rainfall Seasonality across South Africa on the basis of the Relationship between Rainfall and Temperature Sarah, Roffe, Postdoctoral Fellow, Global Change Institute and Evolutionary Studies Institute, University of the Witwatersrand
3	The Local and Remote Atmospheric Impacts of Africa's 21st Century Aerosol Emission Trajectory Chris Wells, PhD researcher, Space and Atmospheric Physics, Imperial College London
4	Climatology and Evolution of Synoptic and Mesoscale Environments for Banded Precipitation in Extratropical Cyclones over the UK and Ireland Tianhang, Zhang, PhD Student, University of Manchester
5	Biases in Two Leading Seasonal Forecast Systems Ned Williams, PhD Researcher, University of Exeter
6	Borderless Heat Stress Chloe Brimicombe, Environmental Climate PhD Researcher, University of Reading
7	Incorporation and Evaluation of the CRI v2.2 Chemical Mechanism in UKESM1: An Alternative Mechanism with Updated Isoprene Chemistry for Investigating the Influence of BVOCs on Atmospheric Composition and Climate James Weber, PhD Student, University of Cambridge
8	Forgotten Accounts of Tropical Cyclones making Landfall in Tanzania Hellen Msemu,
9	Using High Resolution Climate Models to Investigate Atmospheric turbulence Isabel Smith, PhD Student, University of Reading
10	Urban Flood Risk in Dhaka Bangladesh: Basic Statistical Characteristics and Trends of Rainfall in Dhaka Bangladesh (1953-2019) Farzana Ahmed Mohuya, PhD Researcher, Newcastle University, UK and University of Dhaka, Bangladesh
11	Austral Summer Droughts and their Driving Mechanisms in Observations and Present-day Climate Simulations across Malawi Emmanuel Likoya, Postgraduate Researcher/PhD Student, University of Leeds



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12	Mixed-phase Clouds' Microphysical Properties in the Southern Ocean under different Synoptic Conditions Observed during CAPRICORN I and II Field Campaigns Estefania Montoya Duque, PhD Student, University of Melbourne
13	Jet Tilt and the Understanding of North Atlantic Jet Variability and Regimes Jacob Perez, PhD Student, University of Leeds
14	Identifying and Quantifying the Origins of Extreme Rainfall in South Africa Using Storm Track Analysis and Unsupervised Machine Learning Techniques Rhys Phillips, Undergraduate Student, University of Bath
15	Dispersion of PM_{2.5} during Transboundary Haze in Greater Kuala Lumpur, Malaysia. Jayaprakash Murulitharan, PhD Candidate, University of Cambridge
16	Thunderstorm Modeling with WRF: Parametrization Study for Istanbul Ilgar Akalin, Bsc Student, Istanbul Technical University
17	Investigating the Phase Composition of Mixed-phase Clouds Erin Raif, MPhys Student, University of Manchester
18	Monsoonal Flood-risk Maps for Power Substations in Malaysia Wenzhu Li, PhD Student, University of Manchester
19	Impact of Global Modes of Variability on Rossby Wave Packets during Southern Hemisphere Summer. Iago Pérez, PhD Researcher, Universidad de la República (Uruguay)
20	Storm Properties of Tropical Cyclones over Bay of Bengal and the Arabian Sea as observed by GPM DPR Sunil Khadgarai, ,
21	The Schools Clean Air Monitoring Project in Abingdon (SCAMPA) Abingdon Science Partnership , Science Ambassadors, Abingdon School
22	Winds and Tides of the Antarctic Mesosphere and Lower Thermosphere: One year of Meteor Radar Observations over Rothera (68°S, 68°W) and Comparisons with WACCM and eCMAM Shaun Dempsey, PhD Student, University of Bath & British Antarctic Survey
23	The Global Impacts of the Madden-Julian Oscillation Daniel Skinner, Student,



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24	Estimation of Air Pollution Effects for Dilovası Region by using BenMAP-CE Program Zeynep Feriha Ünal, MSc Student, Istanbul Technical University
25	Sub-daily Extreme Rainfall in Europe: Climatology and Dynamical Drivers Anna Whitford, PhD Student, Newcastle University
26	Statistical Analysis of Aerosols Hygroscopicity based on Observation over Western Ghats, India Avishek Ray, PhD Student, Indian Institute of Tropical Meteorology, Pune, India
27	Numerical Simulation of Tropical Cyclones in the Philippines using the Weather Research and Forecasting (WRF) and Cloud-Resolving Storm Simulator (CReSS) model. Kate Esguerra, Science Research Specialist, DOST- Philippine Atmospheric, Geophysical and Astronomical Services Administration
28	Meteorological Analysis of Floods in Ghana Samuel Owusu Ansah, Meteorologist, Ghana Meteorological Agency
29	Impact of Users' Feedback on Weather Forecast Evaluation in Ghana, West Africa Maureen Ahiataku
30	Control of the Dust Vertical Distribution in the Saharan Air Layer by Convection and Scavenging Habib Senghor, Post-Doctoral, National Agency of Meteorology of Senegal (ANACIM)
31	The Unusual 2019/2020 QBO Disruption in Aeolus Wind Lidar Observations Timothy Banyard, Postgraduate Student, University of Bath
32	A Parametric Seasonal Model for Extreme Discharge Events in the La Plata Basin based on Climate Indices Melanie Meis, Postdoctoral researcher, UBA-CIMA-CONICET
33	Updating and Improving DMS Oxidation Chemistry in Earth System Models Bea Cala, MPhil Student, University of Cambridge
34	Soil Moisture: The Need of Multiple Sources Facing Data Gaps Lucía M. Cappelletti, PhD Student, Universidad de Buenos Aires
35	Temporal Characterization of the Urban Heat Island (UHI) of Buenos Aires City Malena Sol Lozada Montanari, PhD Student, CIMA-CONICET / DCAO-UBA



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36	Assimilation of Conventional and Satellite Observations in a Deep Convection Case during RELAMPAGO using the WRF-GSI-LETFK system Paola Corrales, ,
37	Analysis of Rainfall Trends and Extreme Precipitation during the Minor Season of Ghana Mohammed Braimah, Assistant Meteorologist, Ghana Meteorological Agency
38	Convective Response to Different Types of Idealised Environmental Forcing Rebecca Smith, Graduate Masters Student in Meteorology & Climate, University of Reading
39	Analysing the Influence of Climate Change on Rainfall Forecasting using Machine Learning Kiran Abdeljalek Torres, Undergraduate, University of Bath