Time	S0-4	SHORT-ORAL and Poster List	
16:30-18:30	Session Chair	Dr. Kaustav Chakravarty,Indian Institute of Tropical Meteorology (IITM) and Dr. Saptarshi Ghosh,Indian Institute of Technology Indore (IIT Indore)	
	Paper ID	Paper Title	Authors
	27	Intercomparison of planetary boundary layer height using Multi-Observations and Model simulations over a Rain shadow region	P. Prasad(IITM) , A. Aravindhvel(IITM), K. Gayatri(IITM), Neelam Malap(IITM), Sanjay Kumar Mehta(SRM IST), Sachin Kakkanattu Philip(SRM IST), Pooja Purushotham(SRM IST), Raman Solanki(IITM), Y. Jaya Rao(IITM), Dixit S.A(IITM), Thara Prabakaran(IITM)
	31	Melting layer detection using Range Height Indicator – Quasi Vertical Profiles of Polarimetric Radar and its comparison with GPM Satellite Radar, Radiosonde and Reanalysis	Navneet Ranjan(IITM) ,Abhijeet Kumar(IITM), Shridhar Kumar(IITM) , Sachin M.Deshpande(IITM), Govindan Pandithurai(IITM)
	59	Stratospheric intrusions observed over central Himalayan region: Results inferred from 206.5 MHz Stratosphere-Troposphere Radar at Nainital (29.35oN,79.45oE)	Siddarth Shankar Das(SPL) , Nabarun Poddars(SPL), Manish Naja(ARIES), Samaresh Bhattacharjee(ARIES), and Veenus Venugopals(SPL)
	70	Electromagnetic Compatiblity And Effects Of Electromagnetic Interference On Doppler Radar Systems Being Used By Imd	Brajesh Kumar Kanaujiya (IMD); Prabhdeep Singh(IMD); Siddharth Singh(IMD)
	72	Analysis Of Thunderstorm Activity Detected Using C-Band Doppler Weather Radar	Rohit Shukla (IMD), Sakshi Sharma (IMD) ,Jan Mohmmad (IMD) , Gajendra Kumar (IMD)
	74	Quantum Processing of Radar Data	Priyanshu Halder
	75	Pre monsoon Thunderstorms over Maharashtra– an Analysis Based on Radar Observations	Jan Mohmmad (IMD) , Rohit Shukla (IMD), Gajendra Kumar Kumar (IMD) , Nitha TS (IMD)
	86	Integration of Hybrid System in Quantum Radars: Advantages and Challenges	Suvan Kadakol (KLE Society's Raja Lakhamagouda Science Institute)
	26	1280 MHz Wind Profiling Radar for Atmospheric Boundary Layers Studies	Y Jaya Rao(IITM), Raman Solanki(IITM), P Prasad(IITM), Soumya Samanta(IITM), P Murugavel(IITM), Mahendra Mane(IITM), Neelam Malap(IITM), Shivdas Bankar(IITM), Shivsai Ajit Dixit(IITM), Mahen Konwar (IITM), Thara Prabhakaran(IITM)
	35	Using Smartphone Camera For Rain-Start Time Detection	Srinivasa Ramanujam Kannan(IIT BBS)
	42	Investigating Cloud Parameters Of Thunderstorms Through Radar Reflectivity, Satellite Data And Numerical Simulation Products	Shreyasi Upadhyay(CURaj), Jayanti Pal (CURaj)
	44	Enhancing Rainfall Estimation Through Classification And Analysis Of Rainfall Types In The Jaipur Radar Region	Albin Sabu(CURaj)
	71	Polarization Controlled Broadband Frequency Selective Surface Based Absorber For Stealth Design In High Frequency Radar	Gaurav Chaitanya (AITR,IIIT Nagpur), Harshita Sharma (AITR,IIIT Nagpur) , Pratik Chawda (AITR,IIIT Nagpur), Paritosh Peshwe (AITR,IIIT Nagpur), Ashwin Kothari (NIT, Nagpur)
	77	Radar Fault Detection And Troubleshooting: The Importance Of Documentation	Kazhugasalamoorthy S (IMD)
	93	A diagnostic study on mesoscale convective systems captured by doppler weather radar Paradeep	Dhaneesh K(IMD), Shambu Ravindren (IMD)
	95	Investigation of rainfall over Indore from Surface Observations	Kavita(IITI), Nitig Singh(IITI) ,Lekhraj Saini(IITI) , Saurabh Das(IITI) , Som Kumar Sharma(IITI)
	103	Operational Weather Prediction of NIVAR cyclone using WRF and validation with DWR observations	Shanu Karmakar(IGCAR)*, C.V. Srinivas(IGCAR), Vidya Sundararajan(IGCAR), B. Venkatraman(IGCAR)
	104	Initial Observations Of Rainfall Events At Kalpakkam Using C-Band Dwr	Sujatha P.N(RESD), P.M.Abhijay(RESD) , C.V. Srinivas (RESD), Shivangi Mishra(ISTRAC) , Shanmuga Sundari (ISTRAC), V.K.Anandan(ISTRAC) , R. Vidya Sundarajan (RESD) , B.Venkatraman (RESD)
	105	Sensitivity of WRF simulations of Intensity and track parameters of Nivar Cyclone to land surface physics and validation with DWR observations	Nimisha(RESD), C.V. Srinivas(RESD), Vidya Sundararajan(RESD), B. Venkatraman(RESD)
	106	Microphysics sensitivity of Intensity and track parameters of Mandous Cyclone simulated by WRF	Y. Sujatha(RESD), C.V. Srinivas(RESD), Vidya Sundararajan(RESD), B. Venkatraman(RESD)
	107	Study of Extreme Rainfall event in Chennai on 30 December 2021 using high-resolution WRF simulation and DWR Observations	Haritha Meka (RESD), C.V. Srinivas(RESD), Vidya Sundararajan(RESD), B. Venkatraman(RESD)
	1	Nowcasting At A High Spatial Resolution Using Google Earth Platform	Shubhendu Karmakar (Regional Meteorological Centre, Kolkata (IMD))
	34	Artificial Intelligent in the Perception of Weather Radar Nowcasting: An Overview	Sujit Kumar Chakravarty(IMD), Amul Batra(IMD)
	84	Radar Data Format study and inter conversion for an Open source integrated research methodology	Neeti Singh(IMD), Amul Batra(IMD), Gajendra Kumar(IMD)
	85	Analysis of the intensity of lighting associated with the thunderstorm using Doppler weather radar signature and the lightning detection data for the state of Bihar, India	Anand Shankar (IMD)
	54	Prediction Of Plasma Irregularities At Earth'S Ionosphere: Observational Perspective Using Ionosonde	Aswathy R P (KU), Manju G (SPL)
	90	A Comparative study of Quantitative Precipitation Estimation using Polarimetric C-Band Radar and Rain Gauge Network over the Rain Shadow Region of Western Ghats	Dr. A. Aravindhavel(IITM), P Murugavel(IITM), Soumya Samanta(IITM) , Thara Prabhakaran(IITM), Dr.Maheen konwar(IITM)
	94	Regional Differences in Microphysical Characteristics of Monsoon Rainfall over Andhra Pradesh based on GPM DPR Observations	Nandivada umaKanth(IITM), Rupraj Biswasharma (IITM), Sachin M. Deshpande(IITM), D. M. Lal(IITM)
	64	Advancements in Radar Meteorology through the Integration of Artificial Intelligence (AI/ML applications and software for Radar Meteorology)	Shashwat Pandey (The Tech Highs); Shahastranshu Mishra (The Tech Highs)
	20	Cloud Type Identification Over The Western Ghats From Radar Data Using Machine Learning Models	Mehzooz Nizar (CUSAT),Ambuj Kumar Jha(IITM), Manmeet Singh (IITM)