

Time	S-02	Modeling, Data Assimilation and Meteorological Applications	
11:15-13:15	Session Chair	Prof. Tomoo Ushio, Osaka University and Dr. Ch. V. N. Rao, Space Applications Centre (ISRO)	
	Paper ID	Paper Title	Authors
11:15-11:45	Invited Talk #2		Dr. C. V. Srinivas, Indira Gandhi Centre for Atomic Research (IGCAR)
11:45-11:55	3	Assessment of Radar-Derived Wind Profiles in Comparison with Radio Sonda Wind Observations across India	Amit Kumar (IMD); Anshul Chauhan (IMD); Gajendra Kumar (IMD); Mrutyunjay Mohapatra (IMD)
11:55-12:05	22	Impact of Radar data assimilation on the characteristics of Tropical cyclone Vardah (2016)	Sankhasubhra Chakraborty (IITBBS); Sandeep Pattnaik (IITBBS); Bagavath Singh Arul Malar Kannan (IMD)
12:05-12:15	113	Hydrological Modeling Of High Altitude Himalayan Catchment Using Gsmap_Jaxa And Isro-Jaxa Rainfall	Amit Kumar Dubey (SAC)
12:15-12:25	52	Mesoscale Convective Systems In Convection-Permitting Model And Its Comparison With Observations Over The Monsoon Zone	Sachin M Deshpande (IITM); Manisha Tupsoundare (IITM); Medha Deshpande (IITM); Subrata M Das (IITM); Harshad Hanmante (IITM)
12:25-12:35	55	Augmentation of Doppler Weather Radar (DWR) network for improved weather prediction over India	Gajendra Kumar Kumar (IMD); Jan Mohmmad (IMD); Arpita Rastogi (IMD); Rohit Mr. Shukla (IMD)
12:35-12:45	10	Study of heat burst events at Chandipur using Doppler Weather Radar	Bibekananda Panda (ITR , Chandipur)
12:45-12:55	110	Development of Long-Term GSMaP_ISRO Rainfall	Prashant Kumar (SAC)
12:55-13:05	79	The Role of High-resolution Remote Sensing Rainfall Products in Improving the accuracy of Hydrologic/Hydraulic Model Simulations	Swarnadeep Mukherjee (IIT Madras); Yaswanth pulipati (IIT Madras); Balaji Narasimhan (IIT Madras)
13:05-13:15	9	Case studies of Intense rainfall activity in Punjab & Haryana	Ajay singh (IMD)