

NSSS-2024, Goa University, Goa

PS1: Space-Based Meteorology, Oceanography, Geosphere-Biosphere Interactions and Climate Change

Chairperson: **Dr. Rashmi Sharma**, SAC, Ahmedabad; Convenor: **Dr. S. Suresh Babu**, SPL, VSSC, Thiruvananthapuram;

Co-convenor: **Dr. M. Venkat Ratnam**, NARL, Gadanki, Tirupati; Rapporteur: **Dr. Mukunda M. Gogoi**, SPL, VSSC, Thiruvananthapuram

		ORAL & Lightning Talk (LT)		ORAL & Lightning Talk (LT)		POSTER		
Date		13:30-14:30 hrs IST Venue: Biotechnology Auditorium (Block E)		14:30-15:30 hrs IST Venue: Biotechnology Auditorium (Block E)		1530-1830		
26-02-2024 Monday	Inaugural	PS1-01 [Chair: Dr. Rashmi Sharma, Co-chair: Dr. M Venkat Ratnam] Innovative Retrieval Techniques & Radiative Transfer [PS1-O-46, 48, 49, 50]	[LT: PS1-P-186, 187, 98, 100, 101, 183, 184, 65, 66, 67]	PS1-02 [Chair: Dr. R P Singh, Co-chair: Dr. Lokesh Kumar Sahu] Space-borne observations of Aerosols and Trace gases [PS1-O-24, 25, 26, 27]	[LT: PS1-P-75, 79, 80, 81, 82, 84, 85, 86, 89, 91]	T e a	PS1-S01 [PS1-P-185 to 190]; PS1-S02 [PS1-P-98 to 107]	
		12:00-13:00 hrs IST Venue: Biotechnology Auditorium (Block E)		14:00-15:30 hrs IST Venue: Biotechnology Auditorium (Block E)			1530-1630 1730-1900	
27-02-2024 Tuesday		PS1-03 [Chair: Dr. Kaustav Chakravarty] RADAR meteorology: Precipitation and Hydrological Cycle [PS1-O-41, 42, 43, 03]	[LT: PS1-P-96, 97, 192, 109, 111, 114, 121, 123, 124, 127]	PS1-04 [Chair: Dr. D. Bala Subrahamanyam] Understanding Clouds from Space-borne Observations [PS1-O-15, 16, 17, 18, 19, 20, 21]	[LT: PS1-P-128,129, 131, 133, 137, 141,147, 156, 160, 162]	L u n c h	PS1-S03 [PS1-P-179 to 184]; PS1-S04 [PS1-P-63 to 97]	Breakout Session: Satellite for Climate Science
28-02-2024 Wednesday		PS1-05 [Chair: Dr. M V Ratnam, Co-chair: Dr. Prijith S S] Stratosphere Troposphere exchange & TTL dynamics [PS1-O-51, 52, 53, 55]	[LT: PS1-P-167,168, 169, 170, 171, 172,174, 178, 01, 02]	PS1-06 [Chair: Dr. V. Ravi Kiran] Aerosols & Climate: Observations & Modelling [PS1-O-28, 30, 31, 32, 33]	[LT: PS1-P-05,06, 07, 08, 10, 14, 19,20, 23, 29, 30, 32,33, 34, 37, 38, 41,43, 45, 47]		PS1-S05 [PS1-P-191 to 194]; PS1-S06 [PS1-P-108 to 159]	
29-02-2024 Thursday		PS1-07 [Chair: Dr. Mukunda M Gogoi, Co-chair: Dr. B L Madhavan] Trace gases (including Greenhouse gases) and Climate : Observations & Modelling [PS1-O-36, 37, 38, 40]	[LT: PS1-P- 51, 54, 55]	PS1-08 [Chair: Prof. S. Vijaya Bhaskara Rao, Co-chair: Dr. Som Sharma] Space-based Meteorology & Monsoon [PS1-O-01, 02, 22, 05, 06, 07, 08]			PS1-S07 [PS1-P-160 to 178]; PS1-S08 [PS1-P-01 to 54]; PS1-S09 [PS1-P-55 to 62]	
01-03-2024 Friday		PS1-09 [Chair: Dr. Mehul R Pandya, Co-chair: Dr. M Shravan Kumar] Space-based Oceanography [PS1-O-09, 10, 11, 14]		Valedictory Function				