Venus Science Conference 2022

(Venus-SC-2022)

Online Conference: 29-30 September 2022

Physical Research Laboratory, Ahmedabad, INDIA

Programme

Day 1: 29 September, Thursday

Indian Standard Time (IST) in Hours

Inaugural Session

IST (hrs)	Event	Speaker
9:25 IST* hrs	Log-in for the Inaugural Session	
9:30-9:35 hrs	Welcome	Prof. Anil Bhardwaj, Director, PRL
9:35-9:45 hrs	Inaugural Address	Shri A. S. Kiran Kumar, Council Chair, PRL
9:45-9:55 hrs	Overview of Venus SC-2022	Dr. Jayesh Pabari, Convener, Venus-SC-2022
9:55-10:00 hrs	Vote of Thanks	Prof. D. Banerjee
10:00-10:10 hrs	**Break**	
10:10-10:40 hrs	Keynote Talk: Exploration of Venus	Prof. Anil Bhardwaj, Director, PRL
10:40-11:00 hrs	**Tea Break**	

*IST = GMT + 5:30

Session 4: Short Oral Presentation

Session Chairs: M. V. Sunil Krishna (IITR), Kinsuk Acharyya (PRL)

12:10-12:50 hrs IST		Short Oral (Pre-recorded Video 2 Min Each)	
No.	**Speaker**	**Affiliation**	**Title of the Talk**
S1	Soumik Bhattacharyya	NISER, Bhubaneswar	Radar scattering properties of Maxwell Montes region using ground-based radar data
S2	Anchal Patel	St. Xav. College, Ahmedabad	Comparison of different modelled Venusian temperature profile with satellite data observation
S3	Vikas Soni	PRL, Ahmedabad	Modeling the sulfur chemistry in the atmosphere of Venus
S4	Sandhya Nair	SPL, Thiruvananthapuram	Ultravoilet imaging of venus atmosphere
S5	Shantanu Gulawani	IITB, Mumbai	Design of buoyant platforms for Venus meteorological exploration
S6	Annex E. H.	Amity University, Noida	Lightning Whistler mode wave in presence of parallel DC electric field for Venusian Ionosphere
S7	Nirbhay Upadhyay	PRL, Ahmedabad	Conceptual mech. config. design of deployable antenna, for lightning instrument, for Venus exploration
S8	Sonam Jitarwal	PRL, Ahmedabad	Design, development and testing results of different configurations of lightning instrument for Venus
S9	Gouripriya S Menon	LIFE- To & Beyond, Barasat	Study of Venusian Habitability and Contingency of Life
S10	Anjali Patel	St. Xav. College, Ahmedabad	Understanding the Venusian atmospheric profile using Akatsuki radio science data
S11	Aanchal Sahu	Uni. Allahabad, Allahabad	Dominating effect of gravitational force on IDPs toward Venus
S12	M K Praneeth S	SAC, Ahmedabad	Mechanical Design and Development of Dust Experiment Payload for Venus Mission
S13	Srirag Nambiar	PRL, Ahmedabad	Analysis of Dust Particle Evolution Near Venus
S14	Rashmi	PRL, Ahmedabad	Design & Development of Processing Electronics of Venus Orbiter Dust Experiment (VODEX)
S15	Chetna Sharma	Panjab Uni., Chandigarh	Estimated correlation of IDP parameters from observed signal towards Venus
S16	Sushil Kumar	PRL, Ahmedabad	Readout electronics of Si PIN detectors for measuring high energy particles entering into Venus atmos.
S17	Nishant Singh	PRL, Ahmedabad	Venus Solar Soft x-ray Spectrometer (VS^3) for the Venus Orbiter Mission
S18	Jitendrakumar Rawal	The Indian Planetary Society, Mumbai	Venus cannot have a satellite
12:50-13:30 hrs		**Lunch Break**	