

Programme for NCRA Academic Days 2023

Day 1, 24 January 2023, Tuesday

Time	Name	Title
	<i>Chair: Yogesh Maan</i>	
9:30	Divya Oberoi	Everything under the MWA Sun
9:45	Soham Dey	Linearly polarized emission from type-III solar radio bursts
10:00	Bhaswati Bhattacharyya	Millisecond pulsars with the GMRT
10:15	Shubham Singh	An efficient search for long period pulsars with the GHRSS survey
10:30	Jitendra Salal	Identifying pulsar candidates in radio images using scintillation
10:45	Sangeeta Kapil	Probing the frequency dependent eclipsing for PSR J1544+4937
	Tea Break: 11:00 - 11:30 am	
	<i>Chair: Janakee Raste</i>	
11:30	Dipanjana Mitra	Galactic Population of Canonical Pulsars
11:45	Yogesh Maan	Observational links between Magnetars, FRBs and Pulsars
12:00	Ajay Kumar	Diversity of FRB morphology and their classification
12:15	Yashwant Gupta	Learnings from a pulsar that flip-flops its profile
12:30	Shyam Sunder	Localisation of newly discovered pulsars with the GMRT - An application of offline gating correlator at GMRT
12:45	Visweshwar Ram Marthi	PASV-baseband enabled ISM studies
	Lunch Break: 1:00 - 2:00 pm	
	<i>Chair: Akanksha Kapadia</i>	
2:00	Jayanta Roy	NSM-powered GMRT to commensally search for transients and pulsars
2:15	Sanjay Kudale	In-field phasing for GWB
2:30	Siddhartha Bhattacharyya	Constraining the Energy Population of FRBs using Statistical Inference Techniques
2:45	Shriharsh Tendulkar	Expanding the phase spaces of FRBs

Time	Name	Title
	Tea Break: 3:00 - 3:30 pm	
	<i>Chair: Anjan Sarkar</i>	
3:30	Subhashis Roy	Observation of a proposed supernova remnant having Fermi-LAT emission using GMRT
3:45	Balpreet Kaur	The HI properties of star-forming galaxies at $z \sim 1$ in the COSMOS field
4:00	Nissim Kanekar	Probing fundamental constant evolution with methanol lines
	Day-1 meeting ends	

Day 2, 25 January 2023, Wednesday

Time	Name	Title
	<i>Chair: Suman Chatterjee</i>	
9:30	Yogesh Wadadekar	Star-forming S0 Galaxies in SDSS-MaNGA: fading spirals or rejuvenated S0s?
9:45	Sonalika Purkayastha	Atomic Gas in Green Pea Galaxies
10:00	Saili Dutta	HI Detection in a Nearby Blueberry Galaxy
10:15	Tirthankar Roy Choudhury	Creating efficient high dynamic range simulations to study the high-redshift universe
10:30	Barun Maity	Efficient Exploration of the Epoch of Reionization
10:45	Divesh Jain	Can patchy reionization bias the CMB B-modes observations?
	Tea Break: 11:00 - 11:30 am	
	<i>Chair: Saili Dutta</i>	
11:30	Janakee Raste	Studying the end of Epoch of reionization with the 21-cm Signal
11:45	Dharam Vir Lal	Trailing features in the stormy Coma cluster
12:00	Ramananda Santra	Dissecting the radio emission from the galaxy cluster Abell 521
12:15	Ruta Kale	The SoUthern Cluster-sCale Extended Source Survey (SUCCESS)

Time	Name	Title
12:30	Sameer Salunkhe	Diffuse radio emission from low mass galaxy clusters using uGMRT
12:45	Anjan Sarkar	Using redshift evolution of the Lyman-alpha forest to probe dark matter models
	Lunch Break: 1:00 - 2:00 pm	
	<i>Chair: Siddhartha Bhattacharyya</i>	
2:00	Anirban Chakraborty	Modelling the abundance and clustering of galaxies during the Epoch of Reionization
2:15	Akanksha Kapahtia	Semi-numerical simulations of the epoch of Helium Reionization
2:30	Suman Chatterjee	The Tracking Tapered Gridded Estimator - an overview
2:45	Silpa Sasikumar	Is AGN Feedback acting in PG Quasars?
	Tea Break: 3:00 - 3:30 pm	
	<i>Chair: Visweshwar Ram Marthi</i>	
3:30	Ishwara Chandra	Episodic activity in Radio Sources- tip of iceberg
3:45	Janhavi Baghel	Using low-frequency radio polarisation to probe the FR divide
4:00	Preeti Kharb	What do multi-epoch VLBI observations of radio-quiet AGN reveal?
	Meeting Ends	