



# National conference on REcent Trends in the study of Compact Objects (RETCO-V): Theory and Observation

## Tuesday, April 4, 2023

### Neutron Stars: Session 1 - Auditorium (2:00 PM - 4:05 PM)

-Conveners: Manoneeta Chakraborty

time	[id] title	presenter
2:00 PM	[132] Spin evolution of millisecond pulsars	BHATTACHARYYA, Sudip
2:30 PM	[109] Ambiguous Nuclear Transients	ROY, Rupak
2:50 PM	[41] Study of High-Mass X-Ray Binary Pulsar SMC X-2 during the 2015 Outburst	ROY, Kinjal
3:05 PM	[36] Broad-band mHz QPOs and spectral study of LMC X-4 with AstroSat	SHARMA, Rahul
3:20 PM	[57] A detailed study of the thermonuclear X-ray Bursts source 4U 1728-34 with AstroSat	Mr SALGUNDI, Anirudh
3:35 PM	[44] Detection possibility of continuous gravitational waves from rotating magnetized neutron stars	DAS, Mayusree
3:50 PM	[96] Probing thermonuclear bursts from millisecond pulsar MAXI J1816-195 using simultaneous NuSTAR and NICER observation	MANDAL, MANOJ

**Wednesday, April 5, 2023****Neutron Stars: Session 2 - Auditorium (9:00 AM - 10:40 AM)****-Conveners: Sudip Bhattacharyya**

time	[id] title	presenter
9:00 AM	[59] Probing thermonuclear flares on neutron stars and their interaction with accretion	Dr CHAKRABORTY, Manoneeta
9:20 AM	[99] Spectro-temporal studies of GX 9+1 using AstroSat	GUDENNAVAR, Shivappa
9:40 AM	[74] Unravelling properties of GX 3+1 through AstroSat observations	THOMAS, Neal
9:55 AM	[17] The curious case of subpulse drifting and nulling in PSR J0026-1955	JANAGAL, Parul
10:10 AM	[101] A study of the 2018 and 2021 outbursts of XTE J1946+274 and it's phase dependent cyclotron line	Mr DEVARAJ, Ashwin
10:25 AM	[112] AstroSat and NICER view of Be/X-ray binary 1A 0535+262 & Swift J0243.6+6124	Mr CHHOTARAY, Birendra