

# “Celebrations of Seven years of AstroSat” at ISRO HQ

**Date: Sept 28, 2022**

Sl No	Time		Speaker/Lead (Prof/Dr/Mr/Ms)
<b>01</b>	<b>Inagural Session 10.00-11:00</b>		
		Welcome	P Sreekumar, ISROAnan
10.00-10.10	Opening Remarks		Scientific Secretary
10:10 – 10:20	Summary report of AstroSat: Science and usage		V Girish
10:20-10:35	Presidential address		Chairman, ISRO
10:35-10:50	Address by Chief guest		K Kasturirangan
10:50-11:00			A S Kirankumar
	Vote of thanks		Tirthapratim Das
<b>High Tea (11:00-11:20)</b>			
<b>Scientific Session 11:20-13:00</b>			
<b>02</b>	<b>Major Science results from AstroSat</b>		
	<b>Chair: N Kameswararao</b>		
i	Multi-wavelength studies with AstroSat		Gulab Dewangan
ii	Star formation studies using AstroSat - UVIT		Koshy George
iii	UV studies of globular cluster NGC 2808		Prabhu Deepthi S
iv	AstroSat/UVIT survey of M31		Leahy, D
v	X-ray polarimetry of GRB		Tanmoy, C
<b>Lunch 13:00 – 14:00</b>			

SI No	Time (14:00-15:00)	
<b>03</b>	<b>Major science results cont</b> <b>Chair: S K Ghosh</b>	
i	AstroSat detection of Lyman continuum emission from a $z = 1.42$ galaxy	Saha, K
ii	AstroSat View of Spectral Transition in the Changing-look Active Galaxy NGC 1566	Tripathy P
iii	Proxima Centauri - the nearest planet host observed simultaneously with AstroSat, Chandra and HST	Lalitha, S

<b>04</b>	<b>ISRO Sponsored AstroSat Research</b> <b>Chair: J S Yadav</b>	<b>15:00-16:15</b>
i	What drives the wheels of evolution in NGC 1512: A UVIT study	Sreeja S Kartha <b>Robin Thomas</b> , Christ
ii	Fast timing and broadband look at NS X-ray binaries with AstroSat	<b>Aru Beri</b> , IISER Mohali
iii	Broadband X-ray properties of GRS1758-258 and IE 1740.7-2492 using AstroSat and NuSTAR	Radhika/Baishali <b>Bhuvana</b> , DSIS
iv	Search for hot companions in Blue metal-poor stars with AstroSat-UVIT	Kaushar Vaidya <b>Anju Panthi</b> , BITS-P
v	Acceleration and Radiative Cooling Timescales in the Jets of Blazars from AstroSat Observations	Ritaban Chatterjee, Susmita Das, Presidency college, Kolkatta
<b>Tea + Poster viewing (16:15-16:30)</b>		

<b>05</b>	<b>ISRO Sponsored AstroSat Research Cont...</b> <b>Chair: Dipankar Bhattacharya</b>	<b>16:30 – 18:00</b>
v	Spectral and temporal study of the Newly discovered X-ray transient MAXI J1803-298	Parijat Thakur <b>Swadesh Chand</b> , IUCAA
vi	On the detection of thermonuclear X-ray bursts from LMXB	<b>Biplob Sarkar</b> Tezpur Univ
Vii	Central Star formation in an early-type galaxy 1Zw 81 in the Bootes void	<b>Ananta C Pradhan</b> NIIT Rourkela
Viii	Study of emission mechanism of blazars in AstroSat era	Debbijoy <b>Sanna Gulati</b> , MAHE
ix	Probing the inner region of accretion disk in Z and atoll LMXBs using AstroSat	Sriram K <b>Chiranjeevi</b> , OU
x	X-ray view of high energy peaked Blazars with AstroSat	Rupjyoti Gogoi, Pranjudriya, Tezpur Univ

**Day 2:**

<b>06</b>	<b>Invited talks</b> <b>Chair: S Seetha</b>	<b>10:00-11:30</b>
i	Extended FUV emission in distant dwarf galaxies	Borgohain, A Tezpur Univ
ii	Accreting Neutron Stars of different Magnetic fields with AstroSAT	Rahul Sarma RRI
iii	Extensive Broadband X-Ray Monitoring During the Formation of a Giant Radio Jet Base in Cyg X-3 with AstroSat.	Pahari, M IIT Hyd
iv	AstroSat and NICER view of blackhole transient MAXI J1348-360	Jithesh, V Christ
v	Detection of low-frequency breaks in power density spectrum of GX 339-4	Nazma Hussain/ Somsri Sen, Jamia Milia Islamia college
vi	Broadband spectro-temporal properties of NS-LMXBs observed with AstroSat	Vivek Kumar Agrawal URSC

<b>07</b>	<b>Invited talks Cont..</b> <b>Chair: Annapurni S</b>	<b>11:30-13:00</b>
vii	A spectral study of the black hole X-ray binary MAXI J1820+070 with AstroSat and NuSTAR	Sudip Chakrobarty TIFR
viii	The cold dust content of the nearby galaxies	Swapnil Singh IIST/URSC
ix	AstroSat observations of long duration X-ray superflares on active M-dwarf binary EQ Peg	Karmakar, S PRL
x	AstroSat detection of QPO at 42 Hz in Cygnus X-2	Chhange, V
xi	UVIT onboard AstroSat: Some recent results	Stalin, IIA
<b>Lunch (13:00-14:00)</b>		

08	Future programs Chair: A R Rao		14:00-15:00
	Mission management for future missions, lessons from AstroSat		Leo, ISTRAC
	Soft Xray spectroscopy+ wide field monitor		
	Hard X-ray spectroscopy		
	INSIST		Annapurni, S
09	Remarks from partners Chair: S Seetha		15:00-16:00
	P C Aggarwal		
	Huchings		
	Gordon Stewart		
	S N Tandon		
Tea (16:00-16:15)			
		Closing Session	
	17:30-18:00	Vote of thanks etc	