

Neighborhood Astronomy Meeting

28 March 2016, ICTS Bangalore

Scientific Program		
9:55 <i>Introductory remarks and announcements</i>		
Astrosat session		
Chair: S. N. Tandon		
10:00	Biswajit Paul (RRI)	<i>Results from some early observations with Astrosat-LAXPC</i>
10:20	S. Seetha (ISRO)	<i>Highlights of ASTROSAT</i>
10:40	Annapurni Subramaniam (IIA)	<i>Ultraviolet Imaging Telescope: Performance Verification phase and calibrations</i>
11:00 - 11:45 coffee break <i>[Demonstration of balloon launching by the IIA group]</i>		
General scientific session 1		
Chair: Arun Mangalam		
11:45	Deovrat (IISc)	<i>Cold gas and AGN Feedback in Galaxy clusters</i>
12:05	Avijeet Prasad (IIA)	<i>A global galactic dynamo with a corona constrained by helicity</i>
12:25	M. C. Ramadevi (ISRO)	<i>Scanning Sky Monitor on-board ASTROSAT: First Results</i>
12:45	Lalitha Sairam (IIA)	<i>Ultrafast rotators in X-rays: A comparative study on the temporal, spectral and structural variability of the corona</i>
13:05	Swati Rout (PESIT)	<i>Propagation conditions of Torsional MHD waves in Solar coronal loops</i>
Lunch break (1:05 hr) 13:25 - 14:30		
LIGO session		
Chair: P. Ajith		
14:30	Sudarshan Ghonge (ICTS)	<i>Characterizing the LIGO detectors during GW150914</i>
14:50	Chandra Kant Mishra (ICTS)	<i>GW150914: Searches and results</i>
15:10	Nathan Johnson-McDaniel (ICTS)	<i>GW150914 and astrophysics: Binary black hole rates, formation channels, and multimessenger astronomy,</i>
Coffee break 15:30-16:00		

General scientific session 2

Chair: Shiv Sethi

16:00	Nafisa Aftab (RRI)	<i>X-ray reprocessing: Eclipse spectrum of high and low mass X-ray binaries</i>
16:20	Prajval Shastri (IIA)	<i>Footprints of Black Hole Growth Feedback at $z\sim 0$</i>
16:40	Abir Sarkar (RRI)	<i>The effects of the small-scale DM power on the cosmological neutral hydrogen distribution at high redshifts</i>
17:00	Oluwashina Adegoke (IISc)	<i>Spectral and Time Series Analyses of the Seyfert 1 AGN Zw 229.015</i>
17:20	Sharanya Sur (IIA)	<i>Simulating galaxy outflows without feedback</i>

Cultural program 17:45 - 19:00

Please contact the coordinators if you would like to participate.

Coordinators: Chandra Kant Mishra <chandra@icts.res.in>, Sumit Kumar <sumit.k@icts.res.in>, Sandeep K Kataria <sandeep.kataria@iiap.res.in>

Dinner 19:00-20:00