

RRI-Christ College workshop on  
Study of Hot Diffuse Gas with ASTROSAT

Preliminary programme

<i>Date</i>	<i>Day</i>	<i>0900-1000</i>	<i>1030-1130</i>	<i>1200-1300</i>	<i>1400-1700</i>
27/12/06	Wed	Opening	SS	JSB-1	Data analysis
28/12/06	Thu	DB-1	JM-1	JSB-2	-do-
29/12/06	Fri	BN-1	JM-2	JSB-3	-do-
30/12/06	Sat	BN-2	JM-3	JSB-4	-do-
31/12/06	Sun	-----free-----			
01/01/07	Mon	BN-3	DB-2	PSK	Data analysis
02/01/07	Tue	Participant seminars/ Discussion of collaboration opportunities			Data analysis/ <i>Public lecture</i>
03/01/07	Wed	Participant seminars/ Workshop review			Closing

Speakers and topics:

SS: S. Seetha: Overview of ASTROSAT and its capabilities

JSB: Jasjeet Singh Bagla: 1: Introduction to the evolution of cosmic gas

2: Structure formation in the Universe, halo distribution

3: N-body simulations for studying clusters

4: Clusters as probe of cosmological parameters

DB: Dipankar Bhattacharya: 1: Overview of physical processes in hot diffuse gas

2: Supernova remnants

JM: Jayant Murthy: 1-3: Hot diffuse gas in galaxies

BN: Biman Nath: 1-3: High energy emission from gas in clusters of galaxies

PSK: P. Sreekumar: Diffuse background