

Date and Day									
Arrival & Registration -Friday 8/3-16:00-19:00 & Saturday 9/3 -7:30-9:00; Venue:LH3(9/3- 10/3 & 20/3); Computer Lab (11/3-20/3) & Computer Class Projects									
9:00 - 10:00									
10:00 - 11:00									
11:15 - 12:15									
12:15-13:15									
14:15 - 15:15									
15:30 - 16:30									
16:30 - 17:30									
17:30 - 18:30									
09-03-2019 Saturday	Opening Ceremony: Welcome by J.S.Bagla, Director IISER-M and Introduction by M. Mendez	An Intro to High Energy Astronomy D. Bhattacharya; Chair: M. Mendez	The Missions I - AstroSat S/C and Instruments: S. Seetha; Chair: M Mendez	The Missions II - Chandra S/C & Instruments : Lynne Valencic	The Missions III - XMM S/C & Instruments - Carlos Gabriel	X-ray Telescopes, Detectors and SXT: K P Singh	Computer Class Setting up SAS, CIAO and FTOOLS	Computer Class Project	Computer Class Project
10-03-2019 Sunday	X-ray Emission Mechanisms I: D. Bhattacharya	Data Reduction I - Introduction to SAS: Carlos Gabriel	Data Red. II - A more detailed look at SAS: Matteo Guainazzi	Data Reduction III - Introduction to CIAO and ISIS: D. Altamarino	LAXPC Detectors and performance : J S Yadav	Data Reduction IV - LAXPC Data: H.M. Antia	Computer Class Project	Computer Class Project	Computer Class Project
11-03-2019 Monday	An Intro to UV Astronomy: Stars and galaxies: Annapurni S	UV Telescopes and Detectors: S.N. Tandon	Data Reduction V - UVIT Data: S.K. Ghosh	SSM and Study of Transient X-ray sources: M.C. Ramadevi	X-ray Emission Mechanisms II : D. Bhattacharya	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
12-03-2019 Tuesday	Timing Analysis I : T. Belloni	X-ray Spectral Analysis - Low-resolution spectra: K.A. Arnaud	Statistics: Mariano Méndez	Astrophysical Plasmas: Lynne Valencic	CZTI and X-ray Polarimetry: S. Vadwale/AR Rao	Multi-Wave Astronomy: G.C. Dewangan	Computer Class Project	Computer Class Project	Computer Class Project
13-03-2019 Wednesday	Timing Analysis II : T. Belloni	Spectral Timing Studies: Diego Altamarino	Accretion Sources I Neutron Stars : S. Bhattacharyya	Accretion Sources II Black Holes: Mariano Mendez	Galaxies, Clusters and Groups: Keith Arnaud	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
14-03-2019 Thursday	Excursion Leaving at 8:30 AM	Virasat-e-Khalsa	https://virasat-e-khalsa.net/		Indus Valley Museum after lunch from 2:30 - 4:30 pm and return to IISER Mohali http://www.transindiatravels.com/punjab/ropar/places-to-visit-in-ropar-rupnagar/				
15-03-2019 Friday	High Resolution Spectroscopy with Gratings: Lynne Valencic	Analysing CZTI data: Shah Alam	Computer Class Project	Free	Free	Free	Free	Free	Free
16-03-2019 Saturday	AGNs: Matteo Guainazzi	Future Development of X-ray Astronomy: Keith Arnaud	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
17-03-2019 Sunday	Writing Proposals: Matteo Guainazzi	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
18-03-2019 Monday	Basics of Scientific Presentation: Carlos Gabriel	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
19-03-2019 Tuesday	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project	Computer Class Project
20-03-2019 Wednesday	Project Presentations		Project Presentations	Project Presentations	Project Presentations and Closing Meeting	Project Presentations and Closing Meeting		Good-byes and Hugs	
Note	Morning and Afternoon Tea outside the Lectures' venues; Lunch in Lecture Hall Complex - All Days; Dinner on 18-3-2019 at Choki Dhani								