

All times are Indian Standard Time (IST) (CET +4:30) (ET +9:30) (JST -3:30)	Wednesday, Mar 20	All times are Indian Standard Time (IST) (CET +4:30) (ET +9:30) (JST -3:30)	Thursday, Mar 21	All times are Indian Standard Time (IST) (CET +4:30) (ET +9:30) (JST -3:30)	Friday, Mar 22
10:00 - 10:30	Inauguration	Session chair: Arpan Bhattacharyya		Session chair: Srijit Bhattacharjee	
Session chair: Srijit Bhattacharjee		10:00 - 11:00	Prayush Kumar <i>(Challenges in Computational Astrophysics with Black Holes)</i>	9:00 - 10:00	John McNally <i>(Machine Learning with Mathematica)</i>
10:30 - 11:30	Amitabh Virmani <i>(Bondi-Sachs Formalism)</i>	11:00 - 11:10	Questions & Discussion	10:00 - 10:15	Questions & Discussion
Session chair: Pavan Chakraborty		Session chair: Debaprasad Maity		Session chair: Dawood Kothawala	
11:30 - 11:40	Questions & Discussion	11:10 - 12:10	Amitabh Virmani <i>(Bondi-Sachs Formalism)</i>	10:15 - 11:15	Suneeta Vardarajan <i>(Recent developments in semi-classical gravity)</i>
11:40 - 12:40	Tapobrata Sarkar <i>(Tidal disruption and astrophysical phenomena)</i>	12:10 - 12:20	Questions & Discussion	11:15 - 11:25	Questions & Discussion
Session chair: Upendra Kumar		Session chair: Debaprasad Maity		Session chair: Srijit Bhattacharjee	
12:40 - 12:50	Questions & Discussion	12:20 - 13:20	Sitender Kashyap <i>(Bondi-Sachs Formalism with xAct)</i>	11:25 - 12:25	Antonio De Felice <i>(Instability for Weyl-Starobinsky inflation)</i>
12:50 - 15:00	BREAK	13:20 - 13:30	Questions & Discussion	12:25 - 12:35	Questions & Discussion
Session chair: Anjan A Sen		BREAK		Session chair: Tapobrata Sarkar	
15:00 - 16:00	Sitender Kashyap <i>(Introduction to xAct)</i>	Session chair: Anjan A Sen		12:35 - 13:20	Special Session Paying Tribute to Prof. A. K. Raychaudhuri Speaker: Parthasarathi Majumdar <i>(Generalised Second Law and Hawking Area Theorem Analyses of BBH merger data)</i>
16:00 - 16:10	Questions & Discussion	15:00 - 16:00	Carlos Herdeiro <i>(Boson Stars and their dynamics)</i>	13:20 - 13:30	Questions & Discussion
Session chair: Sayan Chakraborty		16:00 - 16:10	Questions & Discussion	13:30 - 14:45	BREAK
16:10 - 17:10	Pedro Cunha <i>(Black Hole shadows and gravitational lensing)</i>	Session chair: Anjan A Sen		Session chair: Seema Kushwaha	
17:10 - 17:20	Questions & Discussion	16:10 - 17:10	Lavinia Heisenberg <i>(Balance Laws as Test of Gravitational Waveforms)</i>	14:45 - 15:45	Beatrice Bonga <i>(Quasi normal modes & Non-linearities)</i>
Session chair: Akhilesh Tiwari		17:10 - 17:20	Questions & Discussion	15:45 - 15:55	Questions & Discussion
17:20 - 18:20	Ayan Chatterjee <i>(Isolated and Dynamical Horizons)</i>	Session chair: Seema Kushwaha		15:55 - 16:00	Concluding remarks
18:20 - 18:30	Questions & Discussion	17:20 - 18:20	Vaishak Prasad <i>(Physics of Dynamical Horizons and their Applications to Numerical Relativity)</i>	End of Workshop	
		18:20 - 18:30	Questions & Discussion		