

Aspects of Gravity and Cosmology
25-26th October, 2024
Department of Physical Sciences, IISER Kolkata

Venue: Asima Chatterjee Lecture Theatre

Date: 25/10/2024 (Friday)

Time	Speaker	Title
3.30 – 4.00 PM	Anwesh Mazumdar	Student Conceptions in Relativity
4.00 – 4.30 PM	Supratik Pal	The present and future of Hubble tension
4.30 – 5.00 PM	Sandipan Sengupta	A Lagrangian basis for asymptotically flat galactic rotation curves
5.30 – 6.00 PM	Soumya Chakrabarti	A Theory of Gravity with Variation of Fundamental Coupling(s)
6.00 – 6.30 PM	Maitraya Bhattacharyya	Neutrino Transport in Binary Neutron Star Mergers: A Computational Challenge

Tea/Coffee: 3.00 – 3.30 and 5.00 – 5.30 PM

Dinner: 7.30 PM (RN Tagore Auditorium Complex)

Date: 26/10/2024 (Saturday)

Time	Speaker	Title
9.30 – 10.00 AM	Sayan Kar	Memory in a closed string
10.00 – 10.30 AM	Soumitra SenGupta	Some aspects of F(R) gravity
10.30 – 11.00 AM	Sudipta Das	Probing Interacting Dark Energy in the Expanding Universe
11.30 – 12.00 Noon	Shadab Alam	Constraints on Dark Energy (Online)
12.00 – 12.30 PM	Anjan Ananda Sen	AdS in Dark energy sector: is it a possibility? (Online)

Concluding Remarks: 12.30 – 12.45 PM

Tea/Coffee: 9.00 – 9.30 and 11.00 – 11.30 AM

Lunch: 1.00 PM (RN Tagore Auditorium Complex)