

02.01.25 (Chairs: Shabnam Iyyani and Pankaj Kushwaha)

New Academic Building (NAB)

Room - 6105

Sr.	Name	Affiliation	Time	Talk's title
1	Shantanu Desai	IIT Hyderabad	2.00 PM - 2.15 PM	Shapiro delay of photons, neutrinos and gravitational waves
2	PREMACHAND MAHAPATRA	BITS Pilani (Goa)	2.15 PM – 2.25 PM	TBA
3	Pragyan Pratim Bordoloi	IISER TVM	2.25 PM – 2.35 PM	Identification and modelling of optically thin inverse Compton scattering in the prompt emission of GRB131014A
4	Samik Dutta	BITS Pilani (Rajasthan)	2.35 PM – 2.45 PM	Multiple Emission Regions in Jets of the LLAGN in NGC 4278
5	Rohan Raha	IISC Bangalore	2.45 PM – 2.55 PM	GRMHD simulations of magnetized accretion disks to understand variability in X-ray binaries and AGNs
6	Debasmita Mohanty	BITS Pilani (Hyderabad)	2.55 PM – 3.05 PM	TBA
7	Debanjan Guha Roy	BITS Pilani (Hyderabad)	3.05 PM – 3.15 PM	Bayesian evaluation of hadron-quark phase transition models through neutron star observables in light of nuclear and astrophysics data

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1	Deepika Bollimpalli	IIT Indore	2.30 PM - 2.45 PM	TBA
2	Prashant Kocherlakota	Harvard University	2.45 PM – 3.00 PM	Testing the Universality of the Blandford-Znajek Mechanism
3	Adarsh Pandey	IIT Kanpur	3.00 PM – 3.10 PM	TBA
4	Rushikesh Sonawane	IISER TVM	3.10 PM – 3.20 PM	TBA
5	Skund Tewari	IISER Bhopal	3.20 PM – 3.30 PM	Revisiting the Dense Matter Equations of State in Light of the Compact Object HESS J1731-347
6	Aryan Bhake	IIT Indore	3.30 PM – 3.40 PM	Numerical modelling of binary black hole dynamics in Active Galactic Nuclei discs