

02.01.25

CQG – 1 (Chair: Suprit Singh)

New Academic Building (NAB)

Room - 6151

Sr.	Name	Affiliation	Time	Talk's title
1	Ayan Chatterjee	CUHP, Kangra	2.00 PM - 2.15 PM	TBA
2	Avijit Chowdhury	IIT-Guwahati	2.15 PM – 2.25 PM	Accreting Schwarzschild-like compact object: Plasma-photon interaction and stability.
3	Harkirat Singh Sahota	IIT-Delhi	2.25 PM – 2.35 PM	Are accelerated detectors sensitive to Planck scale changes?
4	SARBARI GUHA	St. Xaviers, Kolkata	2.35 PM – 2.45 PM	Arrow of time and gravitational entropy in gravitational collapse.
5	Shailesh Kumar	IIT Gandhinagar	2.45 PM – 2.55 PM	Exploring non-GR deviations with extreme mass-ratio inspirals
6	Syed Naqvi	IIT Madras	2.55 PM – 3.05 PM	Uncovering chaos in Einstein-Rosen standing wave spacetime.
7	Nitesh K. Dubey	IIA Bangalore	3.05 PM – 3.15 PM	Entanglement harvesting of Fermionic fields in Schwarzschild spacetime

CQG – 2 (Chair: Sashideep Gutti)

New Academic Building (NAB)

Room - 6152

Sr.	Name	Affiliation	Time	Talk's title
1	Subhajit Barman	IIT Madras	2.20 PM – 2.30 PM	Imprints of curvature and gravitational wave memory in quantum entanglement.
2	Bhera Ram	IIT Guwahati	2.30 PM – 2.40 PM	Thermodynamics of Relativistic Fluids in Presence of Gravity.
3	Pritam Banerjee	IIT Kharagpur	2.40 PM – 2.50 PM	Using tidal effects as a diagnostic for modified gravity inside the stellar interior.
4	Akshay Kumar	CUHP, Kangra	2.50 PM – 3.00 PM	Spherical trapped surfaces in n-dimensional general relativity.
5	Divyesh N. Solanki	IIIT Allahabad	3.00 PM – 3.10 PM	Supertranslations at Spatial and Timelike infinities.
6	Sreejith A Nair	IIT Gandhinagar	3.10 PM – 3.20 PM	Tidal Love Numbers of de Sitter Black Holes.
7	Pabitra Tripathy	SINP Kolkata	3.20 PM – 3.30 PM	Critical Behavior of Thermodynamic Variables of the KN-AdS Black Hole in the Restricted Phase Space.

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Sr.	Name	Affiliation	Time	Talk's title
1	Sk Jahanur Hoque	BITS Pilani (Hyderabad)	2.30 PM - 2.40 PM	Energy flux of de Sitter Teukolsky waves.
2	Chiranjeeb Singha	IUCAA, Pune	2.40 PM – 2.50 PM	Scalar tidal response of a rotating BTZ black hole
3	Kajol Paithankar	IIA Bangalore	2.50 PM – 3.00 PM	Black hole shadow and acceleration bounds for spherically symmetric spacetimes.
4	Anamika Avinash Pathak	BITS Pilani (Hyderabad)	3.00 PM – 3.10 PM	Surface gravity of dynamical horizons: A causal perspective.
5	Akriti Garg	CUHP, Kangra	3.10 PM – 3.20 PM	TBA
6	Yash Pareek	BITS Pilani (Hyderabad)	3.20 PM – 3.30 PM	TBA

CQG – 2 (Chair: Suprit Singh)

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Room - 6152

Sr.	Name	Affiliation	Time	Talk's title
1	Soham Bhattacharyya	IIT Madras	2.45 PM – 2.55 PM	Worldline EFT treatment of quadratic and cubic gravity theories.
2	Akhil U Nair	BITS Pilani (Hyderabad)	2.55 PM – 3.05 PM	Aspects of Selective Thermalizations and Chiral Excitations using Rindler horizons.
3	Shailesh Kulkarni	Pune University	3.05 PM – 3.15 PM	Extended near horizon symmetries for BTZ black holes in higher derivative gravity.
4	Pratik Wagle	AEI, Potsdam	3.15 PM – 3.25 PM	Probing gravity when black holes ring.
5	SOUMYA JANA	Sitananda College, Nandigram	3.25 PM – 3.35 PM	A novel rotating Lorentzian Wormhole from a static $R=0$ Wormhole via the Azreg-Ainou method
6	Sahil Devdutt	CUHP, Kangra	3.35 PM – 3.45 PM	TBA
7	Harsha Sreekumar	University of Hyderabad	3.45 PM – 3.55 PM	TBA