

# PROGRAM SCHEDULE FOR THE CONFERENCE

## HIMALAYAN MEET OF ASTRONOMERS

**DATE: 14<sup>th</sup>-15<sup>th</sup>, SEPTEMBER, 2024**

**DEPARTMENT OF PHYSICS AND ASTRONOMICAL SCIENCE  
CENTRAL UNIVERSITY OF HIMACHAL PRADESH**

Time	Name	Title
<b>Day 1, 14/09/2024, Saturday</b>		
09:30-10:00	<b>Inauguration</b>	
<b>Chair: Durgesh Tripathi [Stellar Astrophysics]</b>		
<b>Remarks: On Research Area &amp; the Current Session [10:00-10:10]</b>		
10:10-10:30	Gurpreet Singh	Shadow Maps: Imaging the far side of stellar coronae
10:30-10:50	Apoorv Dashora	On the Genesis of Extreme-ultraviolet (EUV) waves.
10:50-11:10	Naveen Dukiya	Probing the Circumstellar Environment of Highly Luminous Type II <sup>n</sup> SN ASASSN-14
11:10-11:30	Charita Pant	Understanding Fast Radio Bursts: A Deep Dive into Their Mechanisms
<b>Tea Break [11:30-11:50]</b>		
11:50-12:10	Bhuvan Joshi	Testing Statistical Isotropy using 21cm Power and Bispectrum.
12:10-12:30	Sanjit Debnath	Numerical simulations of variable accretion flows onto non-rotating black holes.
12:30-12:50	Akriti Garg	Gravitational Collapse with Non-Zero Cosmological Constant in Spherical Symmetry
<b>Lunch [12:50-14:00]</b>		
<b>Chair: Jeevan C. Pandey [Blazars]</b>		
<b>Remarks: On Research Area &amp; the Current Session [14:00-14:10]</b>		
14:10-14:30	Sajad Ahamd Ahanger	Multi-wavelength temporal and spectral study of the FSRQ B2 1348+30B
14:30-14:50	Athar Ahmad Dar	Signature of hadronic emission in the gamma-ray spectrum of B2,1308+326
14:50-15:10	Zeeshan Nazir	Multiwavelength study of FSRQ: PKS 0402-362.
15:10-15:30	Niraj Kumar Sahu	Optical and X-ray variability of the blazar.
<b>Afternoon Tea [15:30-15:50]</b>		

<b>Chair: Anupam Bhardwaj</b>		
<b>Remarks: On Research Area &amp; the Current Session [15:50-16:00]</b>		
16:00-16:20	Zahoor Ahmad Malik	Redshift estimation of distant galaxies and inconsistency in Extragalactic Background Light
16:20-16:40	Sajad Ahmad Boked	Re-brightning phase of GRS 1915+105 observed with AstroSat and NuSTAR.
<b>Session End</b>		
<b>Day 2, 15/09/2024 , (Sunday)</b>		
<b>Chair: Naseer Iqbal [AGN]</b>		
<b>Remarks: On Research Area &amp; the Current Session [09:30-09:40]</b>		
09:40-10:00	Shivangi Pandey	Spectrophotometric reverberation mapping of Intermediate-mass black hole NGC 4395
10:00-10:20	Jincen Jose	A spectropolarimetric view: gamma-ray emitting NLSY1 1H0323+342
10:20-10:40	Krishan Chand	Intranight optical monitoring of the rare quasar J0950+5128, the brightest known candidate for the transition from radio-quiet to radio-loud state.
10:40-11:00	Ritish Kumar	Probing the inner region of Weak emission line Quasars
11:00-11:20	Madhusudan	TBD
11:20-11:40	Dharmender	Detecting Lyman alpha emission in the HI absorber.
<b>Tea Break [11:40-12:00]</b>		
12:00-12:20	Sahil Devdutt	Quasilocal Characterization of Black Hole
12:20-12:40	Akshay Kumar	Marginally trapped surfaces in pure Gauss-Bonnet gravity
12:40-13:00	Pritam Nanda	Local first law of black hole
<b>Lunch [13:00-14:00]</b>		
<b>Chair: Sowgat Muzahid [Blazar]</b>		
<b>Remarks: On Research Area &amp; the Current Session [14:00-14:10]</b>		
14:10-14:30	Tushar Tripathi	Optical Variability of the blazar S5 0716+714 on diverse timescale
14:30-14:50	Shubham Kishore	Recent comprehensions on mid-November 2021, violent optical flare in blazar OJ 287
14:50-15:10	Paryag Sharma	Using artificial intelligence to analyze Lyman alpha forest
15:10-15:30	Himanshu Sharma	TBD
<b>Concluding Remarks</b>		
<b>Chair: Hum Chand</b>		
<b>Remarks: On Overall Session and Conference [15:30-16:00]</b>		
<b>Afternoon Tea</b>		





