

**Program schedule for National Conference on
Advancements in AGN, Galaxy Cluster, and IGM Research**

Date: 29-31, March, 2024

**Department of Physics and Astronomical Science,
Central University of Himachal Pradesh**

Time	Name	Title
Day 1, 29/03/2024, Friday		
10:00-10:30	Inauguration	
Chair: Sowgat		
10:15-11:30	R. Srianand	Review of science questions in CGM and IGM studies
Tea Break		
12:00-13:00	Anand Narayan	Studying CGM / IGM Environments - Moving Away from Large Surveys
Lunch		
Chair: Hum Chand		
14:00-14:40	Ranit	Simulating Super-Early Galaxies
14:40-15:20	Sukanya Mallik	Role of ionizing background and feedback processes on metal absorber statistics in cosmological simulations
15:20-15:50	Paryag Sharma	Analysing Lyman alpha forest using Convolutional Neural Networks
15:50-16:00	Prikshit Choudhary	Finding Quasar Pairs using DESI and SDSS
Afternoon Tea		
Day 2, 30/03/2024 , (Saturday)		
Chair: R. Srianand		
10:15-11:30	Sowgat Muzahid	Advance in Diffuse matter in CGM and cluster outskirts
Tea Break		
12:00-13:00	Rajeshwari Dutta	Absorption and Emission line studies in CGM.
Lunch		

Time	Name	Title
Chair: Anand Narayan		
14:00-14:40	Sayak	MUSEQuBES: A study of gas and metals around low-redshift galaxies
14:40-15:20	Eshita	The gaseous medium around redshift~3.3 Lyman-alpha emitters
15:20-15:50	Vivek Jha	Unveiling the diversity in AGN population based on X-ray observations
15:50-16:00	Anshika Ohri	SED modeling of Weak emission line quasars using Cigale
Afternoon Tea		
Day 3, 31/03/2024, (Sunday)		
Chair: Sowgat		
10:00-11:00	Hum Chand	Review of the AGN central engine and its environments.
Tea Break		
11:30-12:15	Krishan Chand	Transitions and persistence of the blazar state in beamed radio quasars
12:15-13:00	Ritish Kumar	On the Nature of Weak Emission line Quasars
Lunch		
Chair: Rajeshwary		
14:00-14:30	Dharmender	Searching for Lyman alpha emission in DLA
14:30-14:40	Anshul Kumar	Spectroscopic catalog of Weak emission line Quasars
14:40-15:10	Madhu Sudan	Flux and color variability of NLSY1 and BLSY1 galaxies
15:10-15:20	Kanika Mankotia	T.B.D

Time	Name	Title
15:20-15:50	Himanshu Sharma	T.B.D
15:50-16:00	Divyanshi Sharma	T.B.D