

PROGRAM SCHEDULE FOR THE CONFERENCE
MULTIWAVELENGTH STUDY OF AGN CENTRAL ENGINE,
AND ITS ENVIRONMENT
DATE: 6th-8th, JUNE, 2025
DEPARTMENT OF PHYSICS AND ASTRONOMICAL SCIENCE
CENTRAL UNIVERSITY OF HIMACHAL PRADESH

3-Day AGN Talk Schedule

Day 1: AGN Central Engine & Blazar Studies

Start: 10:00 AM | Snacks: 11:40–12:00 PM | Lunch: 1:00–2:00 PM | Tea: 3:40–4:00 PM

| Time | Speaker | Talk Title |
|---------------------------|-------------------|--|
| 10:00–11:00 | Gulab Dewangan | Central Engines of Radio-Quiet Active Galactic Nuclei |
| 11:00-11:20 | Madhu Sudan | NLSy1 vs BLSy1 Color Variability (ZTF) |
| 11:20-11:40 | Navya Saraswat | Optical-X-ray AGN/Cluster Connection |
| Tea Time (11:40-12.00 PM) | | |
| 12:00–12:30 | Raj Prince | Echo Mapping in NGC 7469 |
| 12:30–1:00 | Subhashree Swain | Compact Symmetric Object Signatures |
| Lunch Time (1.00-2.00 PM) | | |
| 2.00-3.00 | Pankaj Kushwaha | Title: On the Peculiarity of ~12-yr quasi-periodic optical outbursts of OJ 287: Insights from spectral studies |
| 3.00-3:20 | Hritwik Bora | Jet Power vs Polarization in Mkn 501 |
| 3:20-3:40 | Megha | SED Peak Shifts in FSRQs/IBLs |
| Tea Time (3:40-4:00 PM) | | |
| 4:00-4:30 | Main Pal | Variability Study of Blazar OJ 287 |
| 4:30–4:50 | Devanand P U | X-Ray Variability of HBLs with XMM-Newton |
| 4:50-5:10 | Chandan Kumar Das | Magnetic Reconnection in Blazar Variability |
| 5:10-5:30 | Rithu A | UV Variability in Radio-quiet AGNs with UVIT |
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Day 2: CGM, SEDs & AGN Environment

Start: 9:30 AM | Snacks: 11:00–11:30 | Lunch: 1:00–2:00 PM | Tea: 3:30–4:00 PM

| Time | Speaker | Talk Title |
|---------------------------|---------------------|--|
| 9:30-10:30 | Hum Chand | AGN Environment on diverse length scales |
| 10:30-10:50 | Ritish Kumar | Mg II Absorber Incidence in FSRQs/SSRQs |
| 10:50-11:00 | Anshul Kumar Sharma | WISE IR Variability of WLQs |
| Tea Time (11:00-11:20 AM) | | |
| 11:20-11:50 | Kavita | Exploring the UV/X-ray Connection in Seyfert AGNs with <i>AstroSat</i> |
| 11:50-12:10 | Ayushi Chhipa | Radio Study of WLQ with X-ray Variability |
| 12:10-12:30 | Meet Panchal | GOODS-S Python Spectral Fitting |
| 12:30-12:50 | NIRAJ KUMAR SAHU | Optical-to-X-ray View of VHE LSPs |
| 12:50-1:00 | Arzoo Kanwar | Morphology of NLSy1 Hosts via GALFIT |
| Lunch Time (1.00-2.00 PM) | | |
| 2:00-3:00 | C S Stalin | Feedback Processes in AGN: A Multi-Wavelength View |
| 3:00-3:20 | Aditya Sharma | Probing AGN jet feedback across cosmic time |
| 3:20-3:30 | Abhipsa Biswal | CIV/OVI CGM Study |
| Tea Time (3:30-3:50 PM) | | |
| 3:50-4:20 | Krishan Chand | The alternating ‘changing look blazar OQ 334 |
| 4:20-4:40 | Arya Sudhakaran | Changing-Look Blazar PKS 0446+112 |

Day 3: Spectroscopy, Host Galaxies & Feedback

Start: 9:30 AM | Snacks: 11:30–12:00 PM | Lunch: 1:00–2:00 PM

| Time | Speaker | Talk Title |
|---------------------------|-----------------------|---|
| 9:30-10:30 | Debbijoy Bhattacharya | Blazars, AGN unification scheme, and beyond |
| 10:30-10:50 | SUVAS C. CHAUDHARY | NuSTAR Observations of NLSy1s |
| 10:50-11:10 | Abhishek Hitesh Jhala | Broadband SED of Centaurus A Jet |
| Tea Time (11:10-11:30 AM) | | |

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| 11:30-11.50 | Areyendhu Shalu | Unveiling Hidden AGN: Multi-wavelength Approaches to Identifying Obscured Supermassive Black Holes |
| 11:50-12:10 | Shree Suman | Covariance Spectral Modelling in AGNs |
| 12:10-12:30 | Shahjahan Iqbal | QPO Origin in PKS 0521-36 |
| 12:30-12:50 | Jashanpreet Singh Dingra | Investigating the relationship between black hole mass and galaxy dynamics in Seyfert Type II and LINER galaxies |
| 12:50-1:00 | Priya Sharma | OVI/CIV Detection & Tooling |
| Lunch Time (1.00-2.00 PM) | | |
| 2:00-2:10 | Vishal Thakur | Hot Jupiter Atmosphere Study |
| 2:10-2:30 | Rahul Verma | SED Fitting in Dwarf Galaxies with AGN |
| 2:10-2:30 | Paryag Sharma | Quasar CGM via MgII ($z = 0.4-0.8$) |
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| Interaction Session (2:30-4:00 PM) | | |