



WORKSHOP ON MULTIWAVELENGTH STUDY OF AGN CENTRAL ENGINE, AND ITS ENVIRONMENT

A collaborative event by the Central University of Himachal Pradesh and IUCAA

Dates: 17th-19th May, 2025

Venue: CUHP Campus, Dharamshala, H.P.

The primary objective of this conference is to unite researchers from all across India to discuss recent advancements, opportunities, and challenges in AGN-related research. The program is designed to foster collaboration and knowledge exchange, aiming to establish long-term, productive partnerships between researchers in institutes and universities.

Highlights: The conference will be in offline mode, consisting of (i) invited talks by senior faculty members, (ii) contributed talks by participants, and (iii) poster presentations, preferably only from young Master's students working in AGN. The key main focuses are:

- **AGN Central Engine & Structure:** Multi-wavelength studies of accretion disks, BLR/NLR dynamics, AGN classifications and unification, and AGN diffuse matter at Kpc-Mpc scales (SDSS/DESI). AGN feedback, variability, ZTF
- **High-Energy Observations:** X-ray/UV studies, AstroSat, probing coronae, disk winds, and black hole & jet physics.
- **Future Directions:** Existing and next-gen surveys such as ZTF, LSST, and JWST to explore AGN evolution and environments.

Intended Participants:

Anyone working in India in the field of AGN, with preference given to:

1. Ph.D. Scholars
2. Postdoctoral Fellows
3. Young Faculty Members



SCAN for
Registration

Contacts:

1. Prof. Hum Chand (Co-ordinator-CUHP, humchand@hpcu.ac.in)
2. Prof. Gulab C. Dewangan (Co-ordinator-IUCAA, gulab@iucaa.in)
3. Prof. Ranjeev Misra (SOC-Chair, rmisra@iucaa.in)
4. Mr. Ritish Kumar (LOC-Chair, ritishshield@gmail.com)

Important Dates

Registration Opens: 2nd April 2025; scan QR code

Registration Closes: 20th April 2025

First/Second Selection List: 23rd/28th April 2025

Program Announcement: 2nd May 2025

Conference Dates: 17th-19th May, 2025

Website: https://chandrarstarclub.github.io/teaching/AGN_workshop

Registration link: <https://forms.gle/J6mJVyoubbym2AMJ7>

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