



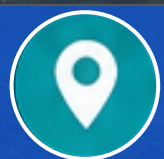
BRIDGING OBSERVATION AND SIMULATION IN CGM-IGM SCIENCE

A collaborative event by the
ICARD at Department of Physics and Astronomical Science, CUHP and IUCAA Pune



DATES

4th - 6th September, 2026



VENUE

CUHP Dharamshala, H.P.



The workshop aims to bring together researchers, postdoctoral fellows, and students working in AGN, the circumgalactic medium (CGM), and the intergalactic medium (IGM) to discuss recent observational discoveries, theoretical developments, and numerical simulations. It will foster collaborations, promote interdisciplinary interactions, and provide a platform for young researchers to present their work.



HIGHLIGHTS

The conference will be in offline mode, consisting of:

- (i) Invited talks by senior faculty members
- (ii) Contributed talks by participants
- (iii) Poster presentations, preferably only from young Master's students working in CGM-IGM

KEY FOCUS AREAS

CGM & IGM Physics: Understanding the physical, chemical, and dynamical properties of the circumgalactic and intergalactic medium, including gas accretion, outflows, and baryon cycling.

Observations & Simulations : Synergy between multiwavelength observations and cosmological hydrodynamical simulations to investigate galaxy evolution and feedback processes.

Future Directions: Using next-generation surveys and simulations to probe the CGM-IGM.



INTENDED PARTICIPANTS

Anyone working in India in the field of CGM, IGM and Simulations with preference given to:

- Ph.D. Scholars
- Postdoctoral Fellows
- Young Faculty Members



SCAN TO REGISTER!

No registration fee. Accommodation, meals, and travel support (for university participants only) will be provided.



CONTACTS

- Prof. Hum Chand (Co-ordinator-CUHP)
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- Prof. Raghunathan Srianand
Co-ordinator-IUCAA, SOC-Chair
(anand@iucaa.in)
- Local Organizing Committee
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WhatsApp - 7018023532 (Paryag sharma)



IMPORTANT DATES

- Registration Opens : 7th July
- Registration Closes : 31st July
- First/Second Selection List : 5-12th Aug
- Program Announcement : 17th Aug
- Conference Dates : 4-6th Sept



WEBSITE

https://chandrasekharclub.github.io/teaching/CGM_IGM_conf



REGISTRATION LINK

<https://forms.gle/A89ZAboeu3tL7kM29>



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