

Stanford



Sanskriti Das

Postdoctoral Scholar, Physics

 Curriculum Vitae available Online

Bio

STANFORD ADVISORS

- Steven Allen, Postdoctoral Faculty Sponsor

LINKS

- Website: <https://sites.google.com/view/nicheofsanskriti/home>

Publications

PUBLICATIONS

- **Detecting the Effect of Nonthermal Sources on the Warm-hot Galactic Halo** *ASTROPHYSICAL JOURNAL LETTERS*
Das, S.
2024; 963 (2)
- **Detection of diffuse H I emission in the circumgalactic medium of NGC 891 and NGC 4565-II** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Das, S., Rickel, M., Leroy, A., Pingel, N. M., Pisano, D. J., Heald, G., Mathur, S., Kingsbury, J., Sardone, A.
2023; 527 (4): 10358-10375
- **Detection of Thermal Sunyaev-Zel'dovich Effect in the Circumgalactic Medium of Low-mass Galaxies-A Surprising Pattern in Self-similarity and Baryon Sufficiency** *ASTROPHYSICAL JOURNAL*
Das, S., Chiang, Y., Mathur, S.
2023; 951 (2)
- **Superviral hot phase in Milky Way circumgalactic medium: further evidences** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
McClain, R. L., Mathur, S., Das, S., Krongold, Y., Gupta, A.
2023; 527 (3): 5093-5101
- **Probing the hot circumgalactic medium of external galaxies in X-ray absorption II: a luminous spiral galaxy at $z \approx 0.225$** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Mathur, S., Das, S., Gupta, A., Krongold, Y.
2023; 525 (1): L11-L16
- **The Hot Circumgalactic Medium of the Milky Way: New Insights from XMM-Newton Observations** *ASTROPHYSICAL JOURNAL*
Bhattacharyya, J., Das, S., Gupta, A., Mathur, S., Krongold, Y.
2023; 952 (1)
- **Thermal and chemical properties of the eROSITA bubbles from Suzaku observations** *NATURE ASTRONOMY*
Gupta, A., Mathur, S., Kingsbury, J., Das, S., Krongold, Y.
2023

- **Detection of a Superviral Hot Component in the Milky Way Circumgalactic Medium Along Multiple Sight Lines by Using the Stacking Technique** *ASTROPHYSICAL JOURNAL*

Lara-Di, A., Mathur, S., Krongold, Y., Das, S., Gupta, A.

2023; 946 (1)