

# Shravya Shenoy

(she/her) *Curriculum Vitae*

Spectra, University of Hertfordshire  
Hatfield, UK AL109AB  
✉ [shravyashenoy.astro@gmail.com](mailto:shravyashenoy.astro@gmail.com)  
[s.shenoy@herts.ac.uk](mailto:s.shenoy@herts.ac.uk)

## Education

- Present **PhD in Astrophysics**, *University of Hertfordshire, UK.*  
Primary Supervisor: Prof. Daniel J.B. Smith
- 2024 **Support Astronomer**, *Isaac Newton Group of Telescopes.*  
Support astronomer at the Isaac Newton Telescope (INT) & William Herschel Telescope (WHT)
- 2022 **MSc in Astronomy Research**, *Leiden University, Netherlands.*  
Graduated *cum laude*
- 2020 **Pre-masters in Astronomy**, *Leiden University, Netherlands.*
- 2019 **BSc (Honours) Physics and Applied Mathematics**, *Azim Premji University, India.*

## Publications

- Subm. **S.Shenoy**, D. J. B. Smith et al., *What factors shape the radio luminosity of star-forming galaxies? A new calibration from LoTSS-DR2.*
- Subm. **K. Dage et al.**, *An Unusual Tidal Disruption Event in an Elliptical Galaxy at  $z \sim 0.11$ .*
- 2025 **L. R. Holden et al. 2025**, *Electron densities from [S II] lines significantly overestimate the impact of AGN outflows.*
- 2025 **M. I. Arnaudova et al. 2025**, *The LOFAR Two-metre Sky Survey Deep Fields: Probabilistic Spectral Source Classifications and the Performance of Photometric Methods.*
- 2025 **B.Yue et al. 2025**, *A novel Bayesian approach for decomposing the radio emission of quasars: II. The dependence of radio loudness on black hole mass.*
- 2025 **G. Jin et al. 2025**, *The host galaxies of Radio-AGN: new views from combining LoTSS and MaNGA observations.*
- 2024 **M. I. Arnaudova et al. 2024**, *WEAVE First Light observations: Origin and Dynamics of the Shock Front in Stephan's Quintet.*
- 2024 **A.B Drake et al. 2025**, *The LOFAR Two Metre Sky Survey Data Release 2: Probabilistic Spectral Source Classifications and Faint Radio Source Demographics.*
- 2024 **S.Das et al. 2024**, *The LOFAR Two-metre Sky Survey: The Nature of the Faint Source Population and SFR-Radio Luminosity Relation using Prospector.*
- 2024 **M. I. Arnaudova et al. 2024**, *Exploring the radio-loudness of SDSS quasars with spectral stacking.*
- Contribution as an observer
- 2025 **J. Munday et al. 2025**, *The DBL Survey II: towards a mass-period distribution of double white dwarf binaries.*
- 2025 **O. Vaduvescu et al. 2025**, *Application of the ParaSOL synthetic tracking suite to a few EURONEAR NEA mini-surveys observed with the INT, KASI and T80S telescopes.*

## Telescope Observing Proposals & Classification Reports

- 2025 **PI:** Marina.I. Arnaudova, *Shocks in Stephan's Quintet*.  
WEAVE IFU, William Herschel Telescope, La Palma [6.2 hrs]
- 2024 **S. Shenoy**, J. G. Bishop, J. H. Pierce, C. Tadhunter,  
*Are all quasars triggered by galaxy mergers?*.  
Wide field Camera, Isaac Newton Telescope, La Palma [8 hrs]
- 2024 [J.H. Terwel et al. 2024](#), *TCD Transient Classification Report for SN 2023xfu*.
- 2024 [J.H. Terwel et al. 2024](#), *TCD Transient Classification Report for SN 2023zlw*.

---

## Conferences, Workshops and Talks

- 2025 **3 Minute Thesis Competition**, *University of Hertfordshire*.  
First-Place Winner
- 2025 **Seminar Talk**, *Universidad de Valparaíso, Chile*.
- 2025 **Thirty Minute Talk**, *European Southern Observatory (ESO) Chile*.
- 2025 **Seminar Talk**, *Universidad Diego Portales (UDP), Chile*.
- 2025 **Contributed Talk**, *GRADnet Student Conference, London*.  
Received *Best Talk Award*
- 2024 **Seminar Talk**, *Isaac Newton Group of Telescopes, La Palma*.
- 2023 **Contributed Talk**, *European Astronomical Society Meeting, Krakow, Poland*.
- 2023 **Contributed Talk**, *National Astronomy Meeting, Cardiff (NAM), UK*.
- 2023 **Lunch Talk**, *University of Hertfordshire*.
- 2023 **Outreach Talk**, *Herts Astronomy Group(HAG)* .
- 2022 **Contributed Talk**, *LOFAR Early Career Researcher Conference*.
- 2022 **Seminar Talk**, *Thuringia State Observatory Colloquium series*.
- 2021 **Sparkler Talk**, *SS32 - ML & Visualisation in Data Intensive Era, EAS Conference 2021*.
- 2021 **Contributed Talk**, *SS23b, EAS Conference 2021*.

---

## Service & Membership

- Nov-Dec 2025 **Scientific Organising Committee Member**, *RAS Meeting*.  
Machine Learning and Artificial Intelligence applied to astronomy
- 2023-2024 **PGR Representative**, *Equality Diversity & Inclusion (EDI) Committee, UH*.
- Jan-Mar 2023 **Organising Committee Member**, *SEPnet Student-led conference*.  
The Imitation Game: A growing affinity between simulations and observations of our Universe
- 2021 - 2022 **Assessor Old Observatory**, *Leidse Astronomisch Dispuut 'F.Kaiser'*.  
Astronomy association at the Leiden Old Observatory. Organised monthly activities and annual public lectures. In 2022, our theme was "Leiden: European City of Science, 2022".
- Feb-Jul 2021 **Member**, *PENTA Mentorship Programme, She Speaks Science*.  
Among 25 women selected across countries for an interactive two-way mentorship programme
- 2020 - 2021 **Board Member**, *Kaiser Spring Lecture Committee*.  
Organised spring lectures online for the general public under the theme  
"Solar System: A grand tour of our home"
- 2018 -Present **Member**, *Supernova Foundation*.  
A mentorship network for women in Physics, headed by Dr Michelle Lochner.
- 2017-2019 **Member**, *Peer Support Network, Azim Premji University*.  
Trained for 8 weeks to be a "Listener", the first point of contact between students and university mental health professionals. Organised mental health awareness activities.