

# Shravya Shenoy

(she/her) *Curriculum Vitae*

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## Education

- 2022-Present **PhD in Astrophysics**, *University of Hertfordshire, UK.*  
Primary Supervisor: Prof. Daniel J.B. Smith
- 2024–2024 **Support Astronomer**, *Isaac Newton Group of Telescopes.*  
Support astronomer at the Isaac Newton Telescope (INT) and William Herschel Telescope (WHT)
- 2020–2022 **MSc in Astronomy Research**, *Leiden University, Netherlands.*  
Primary Supervisor: Prof. Mariska Kriek  
Thesis title: Dependence of the Mass–Metallicity Relation on Galaxy Size in the MOSDEF Survey  
Graduated *cum laude*
- 2019–2020 **Pre-masters in Astronomy**, *Leiden University, Netherlands.*
- 2016–2019 **BSc (Honours) Physics and Applied Mathematics**, *Azim Premji University, India.*  
Graduated *cum laude*

## Publications

- 2026 [S. Shenoy et al. 2026, 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 M. I. Arnaudova, D. J. B. Smith, S. Shenoy et al., *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

- 2026 **Invited Talk**, LOFAR forum, Online.
- 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 **Outreach Talk**, Herts Astronomy Group (HAG) .
- 2022 **Contributed Talk**, LOFAR Early Career Researcher Conference.
- 2022 **Invited Seminar Talk**, Thuringia State Observatory Colloquium series.
- 2021 **Contributed Talk**, SS23b, EAS Conference 2021.

## Service & Membership

- Nov-Dec 2025 **Co-chair & Scientific Organising Committee Member**, RAS Meeting.  
Machine Learning and Artificial Intelligence applied to astronomy
- 2023-2024 **Visiting Lecturer**, University of Hertfordshire.  
Applied Data Science modules
- 2023-2024 **Maths Support Service Tutor**, University of Hertfordshire.  
Assisted students with maths queries, providing one-on-one guidance.
- 2023-2024 **PGR Representative**, Equality Diversity & Inclusion (EDI) Committee, University of Hertfordshire.

- Jan-Mar 2023 **Organising Committee Member**, *SEPnet Student-led conference. The Imitation Game*: A growing affinity between simulations and observations of our Universe
- 2023-2024 **Organiser**, WEAVE-LOFAR meetings, *University of Hertfordshire*.
- May 2022 **Organiser**, *VO-S mentor lunch*, Leiden.  
As part of the student association, I organised a lunch and painting session for astronomy students and the alumni of Leiden Observatory.
- 2021-2022 **Assessor Old Observatory**, *Leidse Astronomisch Dispuut 'F.Kaiser'*.  
Astronomy association at the Leiden Old Observatory. Organised monthly activities and annual public lectures.
- July 2021 **Social Activity Volunteer**, *European Astronomical Society Annual Meeting 2021*.
- Feb-Jul 2021 **Member**, *PENTA Mentorship Programme, She Speaks Science*.  
Among 25 women selected across the world for an interactive two-way mentorship programme
- 2020-2022 **Member**, *Leiden Observatory Sustainability Committee*.
- 2020-2021 **Board Member**, *Kaiser Spring Lecture Committee*.
- 2018-Present **Member**, *Supernova Foundation*.
- 2017-2019 **Mental Health First Aid**, *Azim Premji University*.  
Trained for 8 weeks to be the first point of contact between students and university mental health professionals. Organised mental health awareness activities.
- 2021-2023 **Online Tutor**, *Greenwich Tutor Academy, UK*.
- 2016-2019 **Co-initiator and convener**, *Astronomy Club, Azim Premji University*.  
Organised observing nights and talks by astronomers.

## Language Proficiency

- C2 level English, TOEFL Exam Score - 115/120
- A1/A2 level Dutch, Spanish
- Native Konkani, Hindi & Kannada

*References available upon request*