

Shravya Shenoy

(she/her) *Curriculum Vitae*

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Education

- Exp. 2027 **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 et al.**, *What factors shape the radio luminosity of star-forming galaxies? A new calibration from LoTSS-DR2.*
- Subm. L. R. Holden et al., *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.*
- 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.*

Telescope Observing Proposals

- 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]

Conferences, Workshops and Talks

- 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

- 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.
- 2016-2019 **Co-initiator and convener**, *Astronomy Club, Azim Premji University*.
Organised observing nights and talks by astronomers.