

Devismita Panda

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Laboratoire d'Astrophysique De Bordeaux (LAB),
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Education

Sept, 2024 – **PhD**, within the Infinity² International Graduate Program of University of Bordeaux
Ongoing Thesis: “Origin of Complex Organic Molecules (COMs) in Massive Star-Forming Regions”
Supervisor: Dr. Timea Csengeri, LAB, Bordeaux, France
Oct, 2020 – **M.Sc. Physics**, Pondicherry University, Puducherry, India
Jun, 2022 Specialization: Astronomy and Astrophysics Result: 90.07%
Aug, 2016 – **B.Sc.**, Government Science College, Chatrapur, Odisha, India
Jun, 2019 Honors: Physics Result: 80.08%

Skills

- Python • CARTA • CASA • IMAGER • DS9 • XCLASS • GILDAS • UCLCHEM
- Observation duties: At IRAM 30m radio telescope at Granada, Spain (~50 hours)

Publications

- 1) Tertiary Tides with Eccentric Orbits; Y. Gao, T. Boekholt, **D. Panda**, T. Akiba, S. Toonen, 2025, *MNRAS* DOI: [10.1093/mnras/staf1460](https://doi.org/10.1093/mnras/staf1460)
- 2) NOEMA Astrochemistry of Cygnus-X Protostars (NASCENT-Stars) I. Continuum analysis of CygX-N53
D. Panda, T.Csengeri, et al. (Under preparation)

Conferences and Workshops

4th – 8th Aug, 2025 COST NanoSpace – AI in Astrochemistry Training School 2025 at Aalto University, Espoo, Finland (Poster Presentation)
21st – 31st July, 2025 International Summer School on The ISM of Nearby Galaxies, 2025 at Banyuls-Sur-mer, France
13th Jun, 2025 ALMA-IMF Workshop, 2025 at IRAM Headquarters, Grenoble, France (Oral Presentation)
18th – 23rd Nov, 2024 12th IRAM millimeter Interferometry School, 2024 at IRAM Headquarters, Grenoble, France
31st Jan – 4th Feb, 2024 42nd Annual Meeting of The Astronomical Society of India (ASI) at Indian Institute of Science, Bangalore, India. (Poster Presentation) Bibcode: [2024asi..confP.167](https://ui.adsabs.org/abs/2024asi.confP.167)

Achievements

- DAAD Research Grants in Germany (€3,100) for 2-months research project at University of Cologne.
- 10 hours observation time secured as Principal Investigator (P.I.) at IRAM NOEMA Observatory, France
- PhD Fellowship from the Infinity² International Graduate Program of University of Bordeaux (2024)
- Pondicherry University, India, Merit Scholarship & Entrance Test, All India Rank 10. (2020)
- Joint Admission Test for Master's (IIT-JAM) in 2019
- Higher Education INSPIRE Scholarship from the Department of Science and Technology, India (2017-22)