

# Devismita Panda

Doctoral Student,

**Laboratoire d'Astrophysique De Bordeaux (LAB),**

**University of Bordeaux, France**

Email: [devismita.panda@u-bordeaux.fr](mailto:devismita.panda@u-bordeaux.fr)



## Education

- Sept, 2024 – **PhD**, within the Infinity<sup>2</sup> 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

- 4<sup>th</sup> – 8<sup>th</sup> **COST NanoSpace – AI in Astrochemistry Training School 2025** at Aalto University, Espoo, Aug, 2025 Finland (Poster Presentation)
- 21<sup>st</sup> – 31<sup>st</sup> **International Summer School on The ISM of Nearby Galaxies, 2025** at Banyuls-Sur-mer, July, 2025 France
- 13<sup>th</sup> Jun, 2025 **ALMA-IMF Workshop, 2025** at IRAM Headquarters, Grenoble, France (Oral Presentation)
- 18<sup>th</sup> – 23<sup>rd</sup> **12th IRAM millimeter Interferometry School, 2024** at IRAM Headquarters, Grenoble, Nov, 2024 France
- 31<sup>st</sup> Jan – 4<sup>th</sup> Feb, 2024 **42<sup>nd</sup> Annual Meeting of The Astronomical Society of India (ASI)** at Indian Institute of Science, Bangalore, India. (Poster Presentation) Bibcode: [2024asi..confP.167](https://doi.org/10.1088/2024asi..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 Infinity<sup>2</sup> 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)