

MALGORZATA (GOSIA) CURYŁO

Melbourne, Victoria, Australia

gosia.curylo@monash.edu $\diamond$ <https://gcurylo.github.io/>

RESEARCH INTERESTS

Pulsar timing, radio astronomy, gravitational waves, massive black holes, multi-messenger astrophysics

EXPERIENCE

OzGrav Research Fellow
Monash University

July 2024 - Present

EDUCATION

University of Warsaw, Poland
PhD in astrophysics

April 2024

Jagiellonian University, Krakow, Poland
Master degree in astronomy

September 2017

Jagiellonian University, Krakow, Poland
Bachelor degree in astronomy

September 2016

GRANTS AND AWARDS

Cross-Nodal Collaboration recognition
OzGrav retreat 2025

2025

PRELUDIUM grant of the Polish National Science Center
PI of the project: Formation and evolution of massive black holes

2022 - 2024

Teaching Award
Faculty of Physics, University of Warsaw, Poland

2021

Best poster award
First Virtual Scientific Conference of Campus Ochota, Poland

2020

Best talk award
Astronomy student conference KSAKN, Poznan, Poland

2019

STUDENT SUPERVISION AND TEACHING

Monash University, Australia
Supervision of 3 students (international summer student, Monash undergraduate and honours students)

2025 - Present

University of Warsaw, Poland
4 years of teaching general and spherical astronomy and general astrophysics.

2019-2023

LEADERSHIP AND SERVICE

Journal referee
ApJ, PRD, MNRAS

Observing proposal reviewer
The Five-hundred-meter Aperture Spherical Telescope (FAST)

Steering committee member

Parkes Pulsar Timing Array 2025 - Present
International Pulsar Timing Array 2025

Parkes Pulsar Timing Array collaboration

Observations, data analysis, methods and software development 2019 - Present

MeerKAT Pulsar Timing Array collaboration

Data analysis, methods and software development 2024 - Present

Organisation of seminars, conferences and workshops

Monash University astroseminar series (present)
International Pulsar Timing Array Student week SOC (2021)
LVK meeting LOC (2019)

PUBLICATIONS

Significant contribution to 12 papers, out of which 5 are first author (excluding large collaboration papers). Full list of papers is available on Dr Curyło's website as an ADS link.

SELECTED CONFERENCES

Total number of conference/seminar talks: 31.

Invited talks

London-Oldenburg Relativity Seminar, Swinburne University of Technology, University of Melbourne, Particle Astrophysics in Poland, International Pulsar Timing Array Student Workshop, University of Warsaw, Second Edition of the Virtual Scientific Conference of the Ochota Campus, Polish Astronomical Society Meeting, Nicolaus Copernicus Astronomical Center Poland

Selected contributed talks

Pulsar25 (Italy 2025), Amaldi16 (Scotland 2025, online 2021), Fourth European Physical Society Conference on Gravitation: Black Holes (Spain 2023), European Astronomical Society Annual Meeting (Poland 2023, online 2021), Gravitational Wave Physics and Astronomy Workshop GWPAW (Australia, 2022), 56th Rencontres de Moriond (Italy, 2022), International Pulsar Timing Array Science meetings

REFERENCES**Prof Eric Thrane**

Professor, School of Physics and Astronomy, Monash University

Prof Paul Lasky

Professor, School of Physics and Astronomy, Monash University