

ADRIANO POCI

PERSONAL INFORMATION

Born in Australia, 05 April 1993

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webpage <https://adriano-poci.github.io>

address OCW201, Centre for Extragalactic Astronomy, Durham University

GOAL

To use my skills and knowledge acquired through university to continue to study the Universe as a full-time career.

PUBLICATIONS

Metrics h -index: 5 · [NASA/ADS Link](#)

- Lead* Poci, A., McDermid, R. M., Lyubenova, M., Zhu, L., et al. (2021). *Astronomy & Astrophysics*. ISSN: 0004-6361, 1432-0746. DOI: [10.1051/0004-6361/202039644](https://doi.org/10.1051/0004-6361/202039644)
- Poci, A., McDermid, R. M., Zhu, L., and van de Ven, G. (2019). *Monthly Notices of the Royal Astronomical Society* 487(3), pages 3776–3796. ISSN: 0035-8711. DOI: [10.1093/mnras/stz1154](https://doi.org/10.1093/mnras/stz1154)
- Poci, A., Cappellari, M., and McDermid, R. M. (2017). *Monthly Notices of the Royal Astronomical Society* 467(2), pages 1397–1413. ISSN: 0035-8711. DOI: [10.1093/mnras/stx101](https://doi.org/10.1093/mnras/stx101)
- Poci, A., Kuehn, K., Abbott, T., Abdalla, F. B., et al. (2016). *Publications of the Astronomical Society of Australia* 33, e049. ISSN: 1323-3580, 1448-6083. DOI: [10.1017/pasa.2016.42](https://doi.org/10.1017/pasa.2016.42)
- Contributor* Derkenne, C., McDermid, R. M., Poci, A., Remus, R.-S., et al. (2021). *arXiv:2107.05206 [astro-ph]*. arXiv: [2107.05206 \[astro-ph\]](https://arxiv.org/abs/2107.05206). URL: <http://arxiv.org/abs/2107.05206>
- Foster, C., Mendel, J. T., Lagos, C. D. P., Wisnioski, E., et al. (2021). *arXiv:2011.13567 [astro-ph]*. arXiv: [2011.13567 \[astro-ph\]](https://arxiv.org/abs/2011.13567). URL: <http://arxiv.org/abs/2011.13567>
- Fahrion, K., Lyubenova, M., van de Ven, G., Hilker, M., et al. (2021). *arXiv e-prints*, arXiv:2104.06412. arXiv: [2104.06412](https://arxiv.org/abs/2104.06412). URL: <https://ui.adsabs.harvard.edu/abs/2021arXiv210406412F>
- van de Sande, J., Vaughan, S. P., Cortese, L., Scott, N., et al. (2021). *Monthly Notices of the Royal Astronomical Society* 505(2), pages 3078–3106. ISSN: 0035-8711. DOI: [10.1093/mnras/stab1490](https://doi.org/10.1093/mnras/stab1490). arXiv: [2011.08199](https://arxiv.org/abs/2011.08199)
- Zhu, L., van de Ven, G., Leaman, R., Grand, R. J. J., et al. (2020). *Monthly Notices of the Royal Astronomical Society* 496(2), pages 1579–1597. ISSN: 0035-8711. DOI: [10.1093/mnras/staa1584](https://doi.org/10.1093/mnras/staa1584)
- Bellstedt, S., Forbes, D. A., Romanowsky, A. J., Remus, R.-S., et al. (2018). *Monthly Notices of the Royal Astronomical Society* 476(4), pages 4543–4564. ISSN: 0035-8711. DOI: [10.1093/mnras/sty456](https://doi.org/10.1093/mnras/sty456)
- Pastorello, N., Forbes, D. A., Poci, A., Romanowsky, A. J., et al. (2016/ed). *Publications of the Astronomical Society of Australia* 33. ISSN: 1323-3580, 1448-6083. DOI: [10.1017/pasa.2016.29](https://doi.org/10.1017/pasa.2016.29)

EDUCATION

2015 Macquarie University, Sydney

Master of Research

Grade: 82% · School: Astronomy and Astrophysics

Description: The second year of the Master of Research program is devoted entirely to research. I constructed dynamical models of galaxies to constraint the Initial Mass Function. This year involved

international collaborations, conference attendance, and writing journal articles, in addition to the research and Thesis writing.

2014 Macquarie University, Sydney

*Bachelor of
Philosophy*

GPA: 3.750 (4-pt. scale) · School: Astronomy and Astrophysics

Description: As the first year of the Master of Research program, this course extended on the content of the Bachelor of Science, with emphasis on real-world physics and applications to real research. In addition, it dealt with more advanced content, including magnetohydrodynamics, Bell's Inequality, and thermodynamics.

2011–2013 Macquarie University, Sydney

Bachelor of Science

GPA: 3.545 (4-pt. scale) · School: Astronomy and Astrophysics

Description: Extensively covered advanced topics in quantum physics, solid-state and particle physics, astronomy instrumentations, and astrophysical theories. I took additional non-compulsory mathematics courses.

2009–2010 Bossley Park High School, Sydney

*Higher School
Certificate*

ATAR: 89.35 (99.95-pt. scale)

ACADEMIC EXPERIENCE AND AWARDS

Awards

2018 · European Southern Observatory (ESO) Studentship Programme

2014 · Australian Institute of Physics Prize for the Masters of Research Program in Physics

2014 · Invitation to join, and acceptance into, the Golden Key International Honour Society

2014 · Macquarie University Summer Vacation Scholarship

2013 · Macquarie University Summer Vacation Scholarship

*Research/External
Experience*

2019 · Scientific Assistant on the Observing Programmes Committee (OPC) at ESO

2019 · 12 months full-time research at ESO (Garching)

2018 · Working visit to ESO (Garching)

2018 · Working visit to MPIA (Heidelberg)

2017 · Participation in [ASA IDEA Diversity in Astronomy Workshop](#)

2017 · Working visit to MPIA (Heidelberg) and ESO (Garching)

2015 · Working visit to Oxford University

Journal Referee

[Publons Profile](#)

2017 onwards · MNRAS

Invited Talks

2021 · MPIA Heidelberg Galaxy Coffee Seminar

2020 · [Dynamical Reconstruction of Galaxies Lorentz Centre Workshop](#)

2017 · MPIA Heidelberg Galaxy Coffee Seminar

2016 · [The Universal Problem of the Non-Universal IMF Lorentz Centre Workshop](#)

Contributed Talks

2021 · [GalSpec2021](#)

2020 · [Linking the Galactic and Extragalactic](#)

2019 · Fornax3D Collaboration Meeting Heidelberg

2019 · ESO Wine and Cheese Seminar

2019 · Universitäts-Sternwarte München Computational Astrophysics Group Meeting

2019 · [The Life and Death of Star-Forming Galaxies](#)

2018 · Fornax3D Collaboration Meeting Padova

2018 · [Astronomical Society of Australia's \(ASA\) Annual Scientific Meeting](#)

*Contributed
Posters*

2017 · [Astronomical Society of Australia's \(ASA\) Annual Scientific Meeting](#)

COMPUTER SKILLS

Advanced

- Physical Hardware builds
- BASH
- Microsoft WINDOWS and OFFICE
- PYTHON
- Exelis IDL
- Wolfram MATHEMATICA
- Mathworks MATLAB
- SQL
- Ventana Systems UK VENSIM
- QSUB and SLURM queue software

Intermediate

- L^AT_EX
- XML
- FORTRAN
- HTML

OTHER INFORMATION

Languages

ENGLISH · Mothertongue
ITALIAN · Good
GERMAN · A.1.1

Interests

Drums · Music · Running · Football · Backyard Astronomy · Reading · Programming

July 25, 2021