

Alex James Cameron

Email: alex.cameron@physics.ox.ac.uk

Number of years since PhD: 3y 10m

Number of [refereed journal publications](#): 43 (plus 19 pre-prints under review)

h-index: 33 (including pre-prints under review; NASA ADS, 6/11/2024)

[First-author refereed publications](#): 8 with a combined total of 336 citations (NASA ADS, 6/11/2024)

EDUCATION

Doctor of Philosophy – Science (Astrophysics) School of Physics, University of Melbourne Supervisor: Prof. Michele Trenti	Feb 2017 – Feb 2021
--	---------------------

Master of Science University of Melbourne	Feb 2014 – Dec 2015
---	---------------------

ACADEMIC POSITIONS

Gianturco Junior Research Fellow Linacre College, University of Oxford	Sep 2022 – Present
--	--------------------

Postdoctoral Research Assistant Department of Physics, University of Oxford	Feb 2021 – Present
---	--------------------

AWARDS

Faculty of Science Postgraduate Writing-Up Award	2020
Dr Alan Kenneth Head Travelling Scholarship	2018
Australian Government Research Training Program (RTP) Scholarship	2017 – 2020
Ronald Riseborough Prize for best thesis in Applied Chemistry	2015

RECENT INVITED TALKS

Connecting Simulations and Observations in 3D Across Cosmic Time Workshop in Barossa Valley, Australia <i>Title: Nebular emission and massive stars in the early Universe</i>	Jun 2024
--	----------

Seminar at Armagh Observatory	Apr 2024
Seminar at Queen's University Belfast	Apr 2024

IV Workshop of Chemical Abundances in Gaseous Nebulae Conference in Sao Jose dos Campos, Brazil <i>Title: Nitrogen abundances and massive stars in the early Universe</i>	May 2024
--	----------

Cosmic Threads: Interlinking the Stellar Initial Mass Function from Star-birth to Galaxies Workshop in Sexten, Italy <i>Title: Nebular-dominated galaxies? Possible probe of top-heavy initial mass functions at high redshift</i>	Mar 2024
---	----------

Pan-Survey SED Fitting Forum Online discussion forum <i>Title: What emission lines can (and can't) tell us about galaxies</i>	Jan 2024
--	----------

Seminar at University of Manchester	Nov 2023
--	----------

BRIDGCE Annual meeting Conference in Edinburgh, United Kingdom <i>Title: Chemical abundances in galaxies: Tracing galaxy assembly and the star formation history of the Universe</i>	Sep 2023
---	----------

Seminar at ICRAR (Curtin), Perth, Australia	Aug 2023
Seminar at ICRAR (UWA) , Perth, Australia	Aug 2023

SUPERVISION

Primary supervisor	2024
Undergraduate research student, Oxford Summer Research Program	

TEACHING

Tutor, University of Oxford	2023 – Present
C1 Astrophysics (final year undergraduate course)	
Guest lecturer, University of Melbourne	Aug 2019
First year undergraduate astronomy	
Laboratory coordinator, University of Melbourne	2018 – 2019
First year undergraduate astronomy	
Laboratory demonstrator, University of Melbourne	2017 – 2019
First year undergraduate astronomy	

SERVICE

Co-lead: Target Selection Working Group	2021 – present
JWST Advanced Deep Extragalactic Survey (JADES)	
Chair of Scientific Organising Committee	Jul 2024
SS6: “Chemical evolution in the era of JWST: from stars to galaxies” Special session at European Astronomical Society Annual Meeting 2024, Padova, Italy	
Organiser: Galaxies Journal Club	2021 – 2024
Department of Physics, Oxford	
Member of Scientific Organising Committee and session chair	Jul 2022
“Bridging stellar interactions with galactic chemical evolution, nucleosynthesis and dust” Parallel session at National Astronomy Meeting 2022, Warwick, United Kingdom	

TELESCOPE TIME AWARDED (PI)

ESO Very Large Telescope (KMOS) – Program ID: 0104.B-0566	Oct 2019
Awarded 2 nights, Visitor Mode	
ESO Very Large Telescope (X-SHOOTER) – Program ID: 109.23E3	Mar 2022
4 hours, Service Mode	

PRESS RELEASES

“In Odd Galaxy, NASA’s Webb Finds Potential Missing Link to First Stars”	Sep 2024
Press release based on first-author paper. Selected articles: [1] and [2] .	
“Galaxies pump out contaminated exhausts”	Sep 2021
Press release based on first-author paper. Selected articles: [1] and [2] .	

RECENT OUTREACH ACTIVITIES & PUBLIC TALKS

Public talk at Newbury Astronomical Society, Newbury, UK	Dec 2023
Linacre College Seminar Series, Oxford, UK	Oct 2023
Public talk at Abingdon Astronomical Society, Abingdon, UK	Apr 2023
Public talk at British Amateur Astronomical Society, Winchester, UK	Apr 2023
Station leader at “Into the Cosmos”, Department of Physics, Oxford, UK	Jan 2023