

Alex James Cameron

Email: alex.cameron@nbi.ku.dk

Number of years since PhD: 4.8

Number of refereed journal publications: 59 (plus 15 pre-prints under review)

h-index: 42 (including pre-prints under review; NASA ADS, 5/12/2025)

First-author refereed publications: 8 with a combined total of 591 citations (NASA ADS, 5/12/2025)

EDUCATION

Doctor of Philosophy – Science (Astrophysics)

Feb 2017 – Feb 2021

School of Physics, University of Melbourne

Supervisor: Prof. Michele Trenti

Master of Science

Feb 2014 – Dec 2015

University of Melbourne

ACADEMIC POSITIONS

DAWN Fellow

Nov 2025 – present

Cosmic Dawn Center, Niels Bohr Institute, University of Copenhagen

Gianturco Junior Research Fellow

Sep 2022 – Oct 2025

Linacre College, University of Oxford

Postdoctoral Research Assistant

Feb 2021 – Oct 2025

Department of Physics, University of Oxford

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 & UPCOMING INVITED TALKS

From Dust till Dawn

Feb 2026

Workshop in Leiden, Netherlands

Invited speaker

Exploring the Evolution of CNOPS Elements from Earth and Space

Feb 2026

Workshop in Sexten, Italy

Invited keynote speaker: “CNO abundances at low Z and high z”

2nd IAA-CSIC Severo Ochoa Advanced School on Galaxy Evolution

May 2025

Granada, Spain

Invited lecturer on nebular emission in galaxies

Seminar at University of Warwick

Feb 2025

Seminar at University College London

Nov 2024

Connecting Simulations and Observations in 3D Across Cosmic Time

Jun 2024

Workshop in Barossa Valley, Australia

Title: Nebular emission and massive stars in the early Universe

Seminar at Armagh Observatory

Apr 2024

Seminar at Queen's University Belfast

Apr 2024

IV Workshop of Chemical Abundances in Gaseous Nebulae

May 2024

Conference in Sao Jose dos Campos, Brazil
Title: Nitrogen abundances and massive stars in the early Universe

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

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

Seminar at University of Manchester Nov 2023

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

Seminar at ICRAR (Curtin), Perth, Australia Aug 2023
Seminar at ICRAR (UWA), Perth, Australia Aug 2023
Seminar at Australian National University, Canberra, Australia Jul 2023

SUPERVISION

Co-supervisor to doctoral student 2025 – present
University of Oxford (DPhil)

Primary supervisor to Master of Physics student 2024 – 2025
University of Oxford (MPhys)

Primary supervisor to undergraduate research student 2024
University of Oxford (Summer Research Program)

TEACHING

2nd IAA-CSIC Severo Ochoa Advanced School on Galaxy Evolution May 2025
Granada, Spain
Invited lecturer on nebular emission in galaxies

Tutor, University of Oxford 2023 – 2024
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 – 2025
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

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: [\[3\]](#) and [\[4\]](#).

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