

# 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

<b>Doctor of Philosophy – Science (Astrophysics)</b> School of Physics, University of Melbourne Supervisor: Prof. Michele Trenti	Feb 2017 – Feb 2021
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<b>Master of Science</b> University of Melbourne	Feb 2014 – Dec 2015
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## ACADEMIC POSITIONS

<b>DAWN Fellow</b> Cosmic Dawn Center, Niels Bohr Institute, University of Copenhagen	Nov 2025 – present
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<b>Gianturco Junior Research Fellow</b> Linacre College, University of Oxford	Sep 2022 – Oct 2025
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<b>Postdoctoral Research Assistant</b> Department of Physics, University of Oxford	Feb 2021 – Oct 2025
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## AWARDS

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

## RECENT & UPCOMING INVITED TALKS

<b>From Dust till Dawn</b> Workshop in Leiden, Netherlands Invited speaker	Feb 2026
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<b>Exploring the Evolution of CNOPS Elements from Earth and Space</b> Workshop in Sexten, Italy Invited keynote speaker: “CNO abundances at low Z and high z”	Feb 2026
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<b>2nd IAA-CSIC Severo Ochoa Advanced School on Galaxy Evolution</b> Granada, Spain Invited lecturer on nebular emission in galaxies	May 2025
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<b>Seminar at University of Warwick</b>	Feb 2025
<b>Seminar at University College London</b>	Nov 2024

<b>Connecting Simulations and Observations in 3D Across Cosmic Time</b> Workshop in Barossa Valley, Australia <i>Title: Nebular emission and massive stars in the early Universe</i>	Jun 2024
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<b>Seminar at Armagh Observatory</b>	Apr 2024
<b>Seminar at Queen’s University Belfast</b>	Apr 2024

<b>IV Workshop of Chemical Abundances in Gaseous Nebulae</b>	May 2024
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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 ATOM Society, Abingdon, UK

**Nov 2024**

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**