



Coláiste na Tríonóide, Baile Átha Cliath
Trinity College Dublin

Ollscoil Átha Cliath | The University of Dublin

PhD in Extrasolar Atmospheres at Trinity College Dublin

We invite applications for a 4-year PhD position in the area of Extrasolar Atmospheres at Trinity College Dublin (TCD), Ireland. The successful candidate will join Prof. Johanna Vos's research group in the School of Physics.

The Extrasolar Atmospheres group is a new and growing group at Trinity, that focuses on imaged extrasolar worlds ranging from brown dwarfs to exoplanets. The project will involve a mix of observational and computational techniques to carry out detailed investigations of extrasolar atmospheres. The successful candidate will have the possibility to focus their research based on their skills and interests, and will have the opportunity to work with data from world-class telescopes including the Hubble, Spitzer and James Webb Space Telescopes.

The successful candidate will also become part of the wider Trinity Astrophysics Group, a friendly and vibrant environment where world-leading research on exoplanets, supernovae, pulsars, and light pollution takes place. Trinity's campus is located at the heart of Dublin, which hosts a number of other astrophysics research institutes with an active community in Star and Planet Formation and Exoplanets. Trinity has access to ESO and ESA observatories such as ALMA, JWST, HST, the VLT, soon the ELT, as well as both EU and Irish research career development opportunities.

Applicants must have achieved, by the start date, a 1st or upper 2nd class (I or II.I or equivalent: <http://tiny.cc/grtab>) in a Masters or four-year undergraduate degree, in astrophysics or a related field. This PhD studentship is open to EU/EEA/UK applicants (subject to confirmation of status), as well as non-EU candidates. The position is fully funded for four years (as standard in Irish Universities) and covers tuition fees and a tax-free stipend of €25000 per year, as well as a laptop/computer and work-related travel costs. The nominal start date is September 1st, 2024.

Applicants should submit a CV (max 2-pages), including the names of two referees which will be contacted if shortlisted, and a statement (max one-page) outlining their academic experience and motivation for pursuing this PhD position. Complete applications received by the application deadline of **20th February 2024** will receive full consideration. Applications from traditionally under-represented minorities in physics and astronomy are particularly welcome.

Applications, references, as well as any queries, can be submitted via email to astrojobs@tcd.ie – please include *Extrasolar Atmospheres PhD application* in the subject heading.