

Two Postdoctoral Scholar Positions

Two postdoctoral positions are available to work on modelling outflows from stars (winds) and exoplanets (atmospheric escape). The scholars will work in the group of [Prof. Aline Vidotto](#) at Trinity College, Dublin, Ireland. The results of these models will be directly compared to observations of exoplanetary mass loss, such as those provided by the “[CUTE](#)” cubesat mission.

Basic qualifications: Candidates should have obtained by the starting date a PhD in Astronomy, Physics or related scientific field. Applicants should have experience with numerical and/or theoretical models of astrophysical flows. Experience with MHD modelling is desirable.

Start: The starting dates of the positions are negotiable, and could be as early as November 2018, but no later than June 2019.

Duration and salary: The length of each contract is 3 years. Salaries of postdoctoral researchers follow the Irish University Associations salary scale, with a gross salary of €36,854 in the first year (Point 1 at Level 2) and one Point increment per year from thereafter. Funds for conference travel (€3,000 per year) and computer resources will also be available. These positions are pensionable.

How to apply: Interested candidates should send a cover letter together with a full CV, a summary of their research activities and publication list to astro.jobs@tcd.ie. Please use the subject line “IRC Laureate project fellow application”. Candidates should arrange for three letters of recommendation to be sent directly to the same email address. Complete applications received by **16 September 2018** will receive full consideration. After this date, applications will be considered depending on availability. These positions will remain open until filled.

Useful links:

Prof. Aline Vidotto: <https://www.tcd.ie/Physics/research/groups/vidotto/>

Trinity College Dublin: <https://www.tcd.ie/globalrelations/assets/Flipbooks/TrinityAtGlance>

School of Physics: <https://www.tcd.ie/Physics/about/>

CUTE: <http://lasp.colorado.edu/home/cute>

The School of Physics has been awarded Institute of Physics Juno Practitioner and Athena SWAN Bronze Award status for taking action to address gender inequities across its student and staff body. It is committed to promoting better working practices for men and women. See <https://www.tcd.ie/Physics/womeninphysics/>. The School welcomes applications from all qualified applicants, and applications are particularly encouraged from traditionally under-represented groups in Physics.