PhD in Astrophysics
Stellar winds of M dwarfs

A PhD position is available to work on “Stellar winds of M dwarfs”. The student will work under supervision of Prof Aline Vidotto at Trinity College, Dublin, Ireland. The project involves the use of 3D state-of-the-art numerical codes to model winds of M dwarfs and assess the wind interaction with orbiting exoplanets. M dwarfs are currently the main targets in searches for potentially-habitable terrestrial exoplanets. The work will make use of magnetic maps derived from observations through the Bcool consortium and through the SPIRou Legacy Survey.

Interested candidates should send a CV, a brief statement of research interests (max 2 pages), and the names and contact details of two individuals that have agreed to provide recommendation letters to astro.jobs@tcd.ie, with a subject line “Provost’s PhD Scholarship 2018”.

The position will fund a student for four years and will cover fees and an stipend of €16,000 per year. Funds for conference travel will also be available. The preferred start date is 3 Sept 2018.

The deadline for applying for this position is 18 March 2018.

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/
Bcool consortium: https://bcool.irap.omp.eu/
SPIRou: http://spirou.irap.omp.eu