

PhD position in theoretical exoplanet science

The University Observatory of the Faculty of Physics of the Ludwig Maximilian University (LMU) in Munich, Germany, is seeking candidates for a PhD position in theoretical exoplanet science.

The successful candidate will work on the development of existing planetary atmosphere models. The focus of the thesis will be on the haze and cloud production and destruction processes on irradiated terrestrial and gaseous exoplanets. We seek an excellent student with a strong background in natural sciences and numerical simulations. A track record of teamwork will be important, as the successful applicant will be immersed in a teamwork environment.

Start date: Flexible

Deadline: Candidates are encouraged to apply by May 15, 2022, but later applications will be reviewed until the position is filled.

Requirements: A MSc degree in astronomy, astrophysics, or related fields is required before the start of the position.

Application Materials:

- A cover letter (1 page)
- A curriculum vitae (2 pages)
- A research statement (2 pages)

(The above application materials should be merged into a single pdf and sent to ercolano@usm.lmu.de and Karan.Molaverdikhani@LMU.de)

- Two letters of recommendation

(The letters should be sent directly to Prof. Ercolano and Dr. Molaverdikhani by the reference persons themselves.)

Inquiries about the position should be directed to the same email addresses.