

**Institution:** Nicolaus Copernicus University; Faculty of Physics, Astronomy and Informatics

**City:** Toruń

**Position:** PhD student

**Research field:** Astronomy

**Posted:** 1 March 2022

**Expires:** 1 May 2022

**Offer starting date:** 1 September 2022

**Number of offers:** 1

**Type of contract:** email: mkoprowski@umk.pl

**Job status:** PhD

**Hours per week:** 40

**Offer description:**

The student will work with Dr Maciej Koprowski on the determination of the time evolution of the star formation rate density in the early Universe out to redshifts as high as  $\sim 7$  (about 1 billion years after the Big Bang).

The project involves working with the observational data, collected with the state-of-the-art telescopes, like ALMA, JCMT, Herschel, Spitzer, Hubble, etc., using stacking techniques in order to quantify the contribution from faint galaxies, writing your own codes and summarizing the results in the form of the scientific paper.

**Selection process/Required documents:**

- Curriculum vitae
- statement of the candidate's research interests, experience, and skills (in English)
- 2 letters of reference

**Skills/Qualifications:**

Knowledge of programming in python will be an advantage.

**Benefits:**

The position is fully funded for 3 years. We offer a scholarship of 3400 PLN per month, raising to 4100 PLN per month after the first 18 months of the degree. In addition, the position has a generous funding available for conferences and research visits.

**Offer Requirements:**

- MSc degree in astronomy or a closely related field
- Good English speaking and writing skills

**Specific Requirements:**

**Additional information:** Documents should be submitted to dr Maciej Koprowski at: mkoprowski@umk.pl before 1st of May 2022.