

Nazwa jednostki:

Uniwersytet Mikołaja Kopernika, Wydział Fizyki, Astronomii i Informatyki Stosowanej / Nicolaus Copernicus University, Faculty of Physics, Astronomy and Informatics

Nazwa stanowiska:

PhD student (doktorant)

Wymagania:

MSc in physics, chemistry or related field. Skills and experience in electronics, signal processing and data analysis. Experience in spectroscopy, construction of experimental optical systems and/or spectral line-shape analysis is welcome. Skills and experience in programming (preferred Labview/Mathematica/C++/Fortran) and numerical methods. Teamwork ability and high motivation for research work. Good command of the English language.

Opis zadań:

Development of the cavity-enhanced spectrometer. Investigation of near-infrared CO spectra.

Typ konkursu NCN:

SONATA BIS -ST

Tytuł projektu:

Precise and accurate spectroscopy of weak molecular transitions supported by ab initio calculations

Termin składania ofert:

10.08.2025

Forma składania ofert:

email

Warunki zatrudnienia:

Scholarship for 12 months, starting from 03.10.2025, 5000 PLN/month. Additional funds are allocated to cover participation in international conferences (1-2 per year).

Dodatkowe informacje:

The candidate has to be a PhD student during the entire scholarship period.

Required documents (send to Szymon Wójtewicz, szymon@umk.pl):

1. Application
2. CV
3. Copy of scan of language certificate (if any),
4. Copy or scan of candidate's publications (if any),
5. Consent to the processing of personal data (Appendix 1).