

Tytuł projektu:

Precyzyjna i dokładna spektroskopia słabych molekularnych linii widmowych wspomagana obliczeniami ab initio / Precise and accurate spectroscopy of weak molecular transitions supported by ab initio calculations (SONATA BIS 2021/42/E/ST2/00152)

Nazwa Stanowiska:

Student

Nazwa jednostki:

Instytut Fizyki, Uniwersytet Mikołaja Kopernika w Toruniu / Institute of Physics, Nicolaus Copernicus University

Wymagania:

Skills and experience in numerical methods and programming. Experience in the field of theory of molecular physics. Excellent problem-solving and communication skills. Written and verbal communication skills and presentation skills. Teamwork ability. Good command of English language. The candidate has to be a student during the entire scholarship period.

Opis zadań:

Calculations of the line intensities and collisional line-shape effects in spectral lines in diatomic molecules

Termin składania ofert:

10.08.2025

Warunki zatrudnienia:

Scholarship for 9 months, starting from 01.10.2025
2500 PLN/month

Dodatkowe informacje:

Required documents (send to 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).