

THE INSTITUTE OF GEOLOGICAL SCIENCES ANNOUNCES A COMPETITION FOR A NCN SCHOLARSHIP

Funding: National Science Centre Poland, OPUS-19

Project ID: 2020/37/B/ST10/01420

Project Title: Towards understanding ore formation on Mars: new data from ExoMars/TGO and geochemical fingerprinting of meteorites

Project summary on the NCN website: <https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2020-03-16pfoa/streszczenia/483125-en.pdf>

Principle Investigator: dr Jakub Ciałęła

Scientific supervisors: prof. dr hab. Ewa Słaby, dr Jakub Ciałęła

Application deadline: 01.02.2021

Recruitment results: 15.02.2021

Start of the scholarship: 15.03.2021

Duration of the employment in the NCN project: 48 months

Remuneration: 3500 PLN gross gross/month

Location: Institute of Geological Sciences, Polish Academy of Sciences, Wrocław, Poland

We offer:

- Work in the leading geological institute in Poland
- Remuneration paid as a scholarship for the duration of the project (3500 PLN gross gross/month for 48 months)
- Participation in at least seven international earth science conferences (including Lunar and Planetary Science Conference, Goldschmidt Conference, EGU General Assembly, and AGU Fall Meeting)
- Several research stays in foreign universities
- A new high-end company laptop
- Extensive course of Polish language for foreigners
- Possibility to apply for additional internal and external funding to extend the time or amount of the scholarship
- Help in searching for permanent position in academia after obtaining the PhD degree

Requirements / Expectations:

- MSc degree in Earth sciences (or a similar discipline) until 31.03.2021.
- **Determination to pursue scientific career in the future**
- **Passion about your research topic that enables you to work exceptionally hard!**
- Ability to work both independently and in a team.
- Strong background in petrology, geochemistry, or planetary geology
- Experience in work with petrological thin sections, especially using optical microscopy (including reflected light) and EPMA or SEM. Experience with LA-ICPMS and SHRIMP/SIMS is also welcome.
- Experience in analysis of remote sensing data (images and infrared spectra) is also highly welcome, so do programming skills (e.g., Python, IDL, Matlab).
- Experience in scientific writing (authorship of an abstract or co-authorship of a publication)
- Optionally, experience in conducting geological field works (due to various opportunities in other running or future project in our group)
- Proficiency in spoken and written English.

- Willingness to learn basics of Polish language. Achieving A2 level after one year, and B1 level after second year is expected and will help to find a permanent position in academia after obtaining the PhD degree.

Duties / Responsibilities:

- Realization of the project research tasks
- Oral presentations (or posters) in international conferences
- Preparation of the scientific articles and periodic reports.
- Participation in doctoral studies organized by Doctoral School Geoplanet (geoplanetschool.pl)

Required documents:

- **Application** to the doctoral school with the agreement for the processing of personal data for the purposes of the recruitment and the information that the candidate has accepted the Recruitment Regulations for the GeoPlanet Doctoral School ([Annex 1](#)).
- A copy of the **master's diploma** or a certificate of the completion of the master studies. If the candidate does not have the abovementioned documents, she/he is expected to provide them before the admission to the doctoral school (1.04.2021).
- A **list of the university marks** obtained during the first and second degree studies or a list of marks obtained during the master's studies.
- A **curriculum vitae** completed by the information about the education and employment career ([Annex 2](#)).
- A **cover letter** containing a short description of scientific interests, scientific achievements, list of publications, information on involvement in scientific activity (membership in university scientific associations, participation in scientific conferences, internships and trainings, awards and distinctions) and justification of the decision to undertake education in the Doctoral School ([Annex 3](#)).
- Certificates or other documents proving the level of English proficiency, if the candidate possesses them.
- At least one **recommendation letter** from the current academic supervisor or other academic staff about the candidate's current scientific activity.

Form of submitting documents:

Applications should be submitted by 1.02.2021 to the principle investigator of the project, Dr. Jakub Ciazela via e-mail: j.ciazela@twarda.pan.pl and to the Scientific Information Office of the Institute via e-mail: ingpan@twarda.pan.pl.

For any additional information, please contact Jakub Ciężela.

In the title of the message please indicate "Mars Ore".