



UNIwersytet
Warszawski

Wydział Chemii



Job offer: Ph.D. student in the research project OPUS22 funded by the National Science Centre of Poland entitled "*Excited states under magnifying glass - adaptation of approaches based on density analysis for investigation of electronically excited molecular states*" (project granted on the basis of the decision number DEC-2021/43/B/ST4/02969)

Project leader: Dr. Tatiana Korona, Univ. Prof.

We offer a position in the scientific team of the Quantum Chemistry Laboratory at the Faculty of Chemistry of the University of Warsaw - one of the leading centres of theoretical chemistry in Poland and in the world and in cooperation with the scientific group of Dr. Dorota Rutkowska-Żbik from the Jerzy Haber Institute of Catalysis and Surface Physicochemistry of the Polish Academy of Sciences within the consortium.

Requirements:

1. M.Sc. degree in chemistry, physics or related fields obtained at the latest on the date of the competition award
2. interest in theoretical and computational chemistry
3. knowledge of English at a level which allows the use of scientific literature
4. knowledge of programming language and Linux environment will be an advantage

Conditions of employment:

1. place of assignment: Faculty of Chemistry, University of Warsaw, Warsaw, Poland
2. scientific stipend of 5000 PLN gross-brutto, for max. 48 months (there is a possibility of taking part in the nearest competition to the Doctoral School in order to increase the stipend)
3. funding of trips to scientific conferences and visits of the consortium partner
4. the candidate will have to go through the selection procedure for the Doctoral School of Science and Life Sciences

Required documents:

1. CV
2. a copy of diploma with master's degree
3. a transcript of subjects and grades from undergraduate studies
4. letter of motivation
5. contact details of your thesis supervisor
6. a scan of the signed letter containing consent to the processing of personal data (contact tania@chem.uw.edu.pl for details)

Tasks:

The graduate student will perform tasks related to the project, including performing calculations with quantum-chemical programs and analysing their results, as well as implementing new versions of density analysis methods.

Deadline for electronic applications: 30 November 2022.

A competition will be settled at: 3 December 2022.

Candidates will be invited for an interview using google-meet platform.

Popular science summary of the project:

<https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2021-09-15okipi34a/streszczenia/537014-pl.pdf>

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