



UNIwersytet
Warszawski

Wydział Chemii



Warsaw, 16 April 2024

WCH.1210-18/2022-2024

An announcement for a post-doc position

Position of **adiunkt** (a group of science positions) in the H2020 ERC-STG project entitled "Chirality-sensitive Nuclear Magnetolectric Resonance" financed by the European Research Council is open for application. Project leader: dr hab. Piotr Garbacz, prof. ucz.

The post-doc (adiunkt w grupie pracowników badawczych) will run a research in exact and natural sciences, in discipline of chemical sciences. Available positions: **1**.

We are looking for motivated candidates:

- Ph.D. degree in natural sciences or engineering (or a Ph.D. student with open dissertation procedure),
- ability to design, build and use electronic systems, preferably working on radio frequencies / radio technology, other skills in the field of work in a research laboratory are also desirable, e.g., experience in working with high voltage, cryogenic temperatures, lasers, microwave resonators, etc.,
- good command of the English language.

The candidate must meet the requirements of art. 113 of the Act - Law on Higher Education and Science dated July 20, 2018 (Journal of Laws of 2018, item 1668 as amended).

Main duties:

conducting activities and scientific documentation related to the project (<https://cordis.europa.eu/project/id/101040164>), in particular the construction of scientific equipment enabling the observation of magnetoelectric phenomena in nuclear resonance, e.g. transceiver systems operating at radiofrequencies – in the room and cryogenic temperatures, systems for fast sample transfer – mechanical and pneumatic, systems generating an electric field, systems detecting the electric field using optical methods and using radio frequency resonators, construction of resonators, e.g., loop-gap resonators, and optimization of their electromagnetic field distribution.

We offer:

a temporary full time position at the University of Warsaw for 12 months with possibility of extension.

Required documents:

- scientific curriculum vitae (CV) confirming the candidate's qualifications; max. 1 page,
- list of publications and conference posters / oral presentations, description of main scientific achievements and participation in research projects; max. 1 page,
- information on the processing of personal data (the template available at: <http://www.chem.uw.edu.pl/oferty-pracy/>),
- declaration of reading and acceptance of the rules for conducting competitions at the University of Warsaw (a template available at: <http://www.chem.uw.edu.pl/oferty-pracy/>).

Please submit the documents **no later than 15 May 2024** to: pgarbacz@uw.edu.pl (PDF is the preferred format).

The results of the competition will be given by e-mail till 30 June 2024

The competition is the first stage of the employment procedure as an academic teacher, and its positive outcome is the basis for further proceedings.