



Poznań, August 22, 2023

Institute of Spintronics and Quantum Information

at the Faculty of Physics, Adam Mickiewicz University in Poznań

is looking for a master's student interested in conducting research

in the framework of the scientific project OPUS-LAP financed by the National Science center Poland

FluMag: Low-loss current- and flux quanta-controlled magnonics,

led by przez Prof. Jarosław W. Kłos

A scholarship of PLN 1,000 for a recruited student will be paid for 8 months to carry out the research tasks of the project.

The project will focus on research at the border of magnonics and superconductivity. The work performed by the master's student will be theoretical and numerical and is going to concern the hybrid systems: ferromagnet-superconductor, where the spin wave dynamics of the ferromagnet is coupled to the dynamics of edgy currents in a superconductor. More information about the project can be found at: <https://isik.amu.edu.pl/flumag/>.

Basic requirements for applicants:

- a bachelor's (or engineering) degree in physics, technical physics, materials science engineering, or a related field,
- motivation to conduct scientific research and solve technical and programming problems,
- good programming skills (knowledge of Python preferred),
- knowledge of English at a communicative level.

The application which includes:

- cover letter,
- CV,
- a copy of the diploma of completion of the first degree of studies,
- information about scientific activity (publications, participation in schools and conferences, internships, activities in scientific clubs and associations) and professional activities,
- consent to the processing of personal data as follows:

in accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016. (OJ EU L 119/1 of 4 May 2016) I consent to the processing of personal data other than first name, (first names) and surname; parents' first names; date of birth; place of residence (mailing address); education; previous employment history, included in my application for the purpose of the current recruitment.

should be sent by October 20, 2023, as a single pdf file (up to 10 megabytes in size) to the following email address: klos@amu.edu.pl.

Jarosław W. Kłos
Institute of Spintronic and Quantum Information, Wydział Fizyki, UAM
Uniwersytetu Poznańskiego 2, Collegium Physicum, 61-614 Poznań
Phone: +48 61 829 50 73, e-mail: klos@amu.edu.pl



Interviews with selected candidates will be held on October 23, 2023, at the Department of Physics of Nanostructures at the Faculty of Physics of the Adam Mickiewicz University or remotely via Skype. Candidates will be notified of the final result of the recruitment on October 24, 2023.

Recruitment will take place in accordance with the regulations of the National Science Center - Poland.

INFORMATION CLAUSE

In accordance with the Regulation of the European Parliament and of the Council (EU) 2016/679 of April 27, 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (Data Protection Directive), Adam Mickiewicz University in Poznan informs:

1. the Administrator of your personal data is Adam Mickiewicz University in Poznan with its seat at 1 Wieniawskiego, 61 - 712 Poznan;
2. the Administrator has appointed a Data Protection Supervisor (pol. Inspektor Danych Osobowych) supervising the correctness of personal data processing, who can be contacted via e-mail address: iod@amu.edu.pl;
3. your personal data will be processed in order to: carry out the recruitment process and select a scholarship recipient;
4. the data you provide will be processed on the basis of your consent to the processing of personal data;
5. the data will not be made available to external entities except to entities authorized by law;
6. the data will be stored for a period of 6 months after the end of the recruitment;
7. you have the right to access the content of your data and, subject to the law, the right to rectify, delete, limit processing, the right to object, the right to withdraw consent at any time;
8. you have the right to lodge a complaint with the President of the Office for Personal Data Protection;
9. your provision of personal data at the recruitment stage is voluntary, but if you do not provide it, you will not be able to participate in the recruitment procedure.