Student Scholarship within a NCN WEAVE-NISONO project

Project title: „*Tunable single photon sources in hyperbolic and epsilon-near-zero metamaterials***"**

Principal Investigator: dr hab. Tomasz Antosiewicz

Institution: Faculty of Physics, University of Warsaw

No. of positions: 1

Scholarship duration: 16 months

Starting date: to be agreed upon from 01/11/2025

Total scholarship amount: 24 kPLN
(The net salary results from deducting all compulsory (employer/employee) social security contributions as well as direct taxes (e.g. income tax) from the gross amounts.)

The scholarship is awarded according to the National Centre of Science Regulations on Awarding Scholarships in NCN Funded Research Projects, as detailed in the Annex to resolution no 124/2022 of the Council of the NCN on the 1st of December, 2022.

Description of the position:
Research work will be carried out at the Faculty of Physics at the University of Warsaw within a NCN-funded research project on ***Tunable single photon sources in hyperbolic and epsilon-near-zero metamaterials.*** Work carried out within the project may form the basis of a master thesis.

The scholarship holder will perform research at the intersection of electrodynamics, nanophotonics, and material engineering developing optical materials with hyperbolic dispersion. The goal of the project is design of properties of photonic nanostructures composed of materials with hyperbolic dispersion. Work will involve electrodynamic modelling in which one will compute unique optical modes of such nanostructures, generation of bound states in the continuum, lattice modes and band structure. The proposed nanostructures may be fabricated and characterized. The work will be carried out in collaboration with Brno University of Technology within the international project and in internal cooperation.

Requirements:
- basic knowledge of electrodynamics, plasmonics, nanophotonics, and/or condensed matter
- programing in Python or Matlab
- spoken and written English
- current student status

At the start of the scholarship the successful candidate is a student enrolled in a bachelor or master program in Poland

An application for the position should contain:

1) A cover letter with personal data processing consent (attached to this form). An email application should contain a scanned and signed PDF document.
2) Scans of held degrees/diplomas and information on completed courses
3) CV containing information of on past scientific activity and other achievements

Application deadline: 12.10.2025
Please send your complete application by email to: tomasz.antosiewicz@fuw.edu.pl

Possible interview dates will be offered to selected candidates on an individual basis. The interview may be conducted in person or online. The recruitment procedure will be finalized by 19.10.2025. In the case of resignation of a selected candidate, the position may be offered to subsequent candidates from the selection ranking list.

For additional details contact: Tomasz Antosiewicz, tomasz.antosiewicz@fuw.edu.pl
www: https://www.igf.fuw.edu.pl/pl/projects/research-groups/nanofotonika/

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given and family name

Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:

- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organizational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law[1] *(given name (names) and family name, date of birth, contact information as provided, education, professional*

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[1] Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

qualifications, previous employment) for the purposes of this recruitment process[2], whereas other data[3] shall be processed based on your consent which may take the following wording:

> *I agree to the processing of personal data provided in .... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.*

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data[4] which may take the following wording:

> *I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in .... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.*

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent[5] which may take the following wording:

> *I consent to processing of my personal data for the purposes of any future recruitment processes at the University of Warsaw for the period of the next nine months.*

You may revoke all such consents at any time by, for example, sending an email at tomasz.antosiewicz@fuw.edu.pl *(email address due for the recruitment process).*

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.[6]

Data retention period

Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients

Officers authorized by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

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[2] Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);
[3] Art. 6 section 1 letter a of the GDPR;
[4] Art. 9 section 2 letter a GDPR;
[5] Art. 6 section 1 letter a GDPR;
[6] Art. 7 section 3 GDPR;

Recipients of personal data may be other subjects obligated by the Controller to provide specific services involving data processing, like project auditing or control by the grant agency.

Data transfer outside the European Economic Area (EEA)

Your personal data shall be disclosed to subjects authorized by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.[7] Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.[8] This shall guarantee an adequate level of data security.

Rights of the data subject

Under the GDPR data subjects have the following rights:

- *to access data and to receive copies of the actual data;*
- *to* correct (rectify) your personal data;
- to restrict processing of personal data;
- to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;
- to file a claim with the President of the Personal Data Protection Office, if you believe data processing violates law.

Information on the requirement to provide data

Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

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       place and date   applicant's signature

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[7] https://www.google.com/about/datacenters/inside/locations/index.html
[8] https://www.privacyshield.gov