




OFERTA PRACY – FORMULARZ

JOB OFFER FORM

Kategorie oferty / Offer categories	Post-doctoral position
Wymagane logotypy <i>Logotypes</i>	 National Science Centre Poland  HR EXCELLENCE IN RESEARCH  ICChF
Numer referencyjny <i>Reference number</i>	46/2023
Miejsce pracy <i>Place of work</i>	Institute of Physical Chemistry PAS
Instytucja finansująca <i>Funding institution</i>	National Science Centre
Opis projektu - Project description	
Tytuł, rodzaj i numer projektu <i>Project title, type and project number</i>	“Crystalline organic porous polymers upconverting light energy” Sonata 18 Project No. 2022/47/D/ST5/01375
Kierownik projektu <i>Project leader</i>	Jakub Ostapko PhD - Project Manager; Sylwester Gawinkowski, PhD – Principal Investigator at the IPC PAN
Opis <i>Description</i>	The objective of this project is to prepare and investigate self-assembled microcrystalline upconverting materials based on Covalent Organic Frameworks. The upconversion process will be confined to the COF's single crystal. For this purpose, three types of building blocks will be incorporated into the organic framework: the photosensitizer and the emitter, directly participating in the upconversion process, and the inert unit, providing spatial separation between photoactive units. Such targeted self-ordered crystalline material will be used to study the parameters governing the upconversion process, such as impact of the orientation and distances of respective units and their concentrations. Within the project, the structural tunability of COFs will be used for investigation of COF architecture related effects influencing the upconversion efficiency. Their comparative physicochemical studies (stationary absorption, steady state and time-dependent emission, and determination of upconversion yield) on targeted organic crystalline materials will provide information regarding factors hampering or enhancing the upconversion efficiency in the organic crystalline materials.

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / *required for FNP job offers*

Opis stanowiska - Job description	
Liczba wakatów <i>Number of vacancies</i>	1
Zadania i obowiązki w projekcie <i>Key responsibilities include</i>	<ul style="list-style-type: none"> • Spectroscopic characterization of materials, collected data analysis and interpretation; • Scientific initiative and contribution through regular reporting and publishing, as well as presenting at group meetings, national and international conferences; • Providing help and supervision to junior members of the group; • Contribution to the efficient functioning of the lab, including necessary administrative tasks.
Oferta - Offer	
Nazwa stanowiska <i>Position in the project</i>	Post-doc
Definicja stanowiska w rozumieniu dokumentacji konkursowej NCN (jeśli dotyczy) <i>Name of the post and its definition in the meaning of the grant documentation</i>	A post-doc type post is a full-time post, scheduled by the project's principal investigator for a person who has obtained their PhD degree within 7 years before joining the project. This period may be extended by a time of long-term (in excess of 90 days) documented sick leaves or rehabilitation leaves granted on account of being unfit to work. In addition, the period may be extended by the number of months of a child care leave granted pursuant to the Labour Code and in the case of women, by 18 months for every child born or adopted, whichever manner of accounting for career breaks is preferable. The candidate is not eligible to apply if his/her doctoral degree has been awarded by the Institute of Physical Chemistry PAS (see competition documentation of the National Science Center (NCS) for the Sonata 18).
Forma zatrudnienia <i>Job type</i>	full-time employment
Wynagrodzenie/stypendium/miesiąc <i>Salary/Stipend amount/month</i>	around 9.600,00 PLN gross/month
Planowana data rozpoczęcia pracy w projekcie <i>Position starts on</i>	1.01.2024
Okres zatrudnienia/stypendium* <i>Maximum planned period of contract/stipend agreement*</i>	6 months (with possible extension up to 30 months)
Oferujemy	The successful candidate is expected to start work within

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / *required for FNP job offers*

<p><i>We offer</i></p>	<p>the project on the 1 January 2024. It is possible to change the starting date in the justified case (but no later than 1 April 2024). 100% of the work time will be devoted to the realisation of the project. There are no teaching obligations. The post-doc would have access to supercomputer and specialized software in the Institute and on supercomputer of Poland (Polish Grid infrastructure).</p>
<p>Opis perspektyw rozwoju kariery w IChF (jeśli dotyczy) <i>Career development prospects at IPC PAS (if applicable)</i></p>	<p>The successful candidate will benefit in the form of new knowledge and methods added to his/her toolbox. The project deals with spectroscopy, nanophotonics, nanotechnology, physics, material sciences, and physical chemistry, so any candidate profile will find some new knowledge to be gained upon the realisation of the project.</p> <p>We plan to publish the results of the work in high-impact factor journals.</p> <p>The successful candidate will be able to take advantage of all programs in the IPC PAS, including Young Scientists of IPC PAS competition and Mobility of Young Scientists of IPC PAS competition. The Institute provides an opportunity to participate in ERASMUS+ program.</p>
<p>Wymagania – Requirements</p>	
<p>Dyscyplina naukowa** <i>Scientific discipline**</i></p>	<p>chemistry, physics, nanotechnology, material science, or similar</p>
<p>Profil naukowy kandydata (wybór z R1-R4, FNP, NCN) <i>Scientific profile of a candidate (according to R1-R4 classification)</i></p>	<p>Recognised Researcher (R2) or Established Researcher (R3)</p>
<p>Wymagania/oczekiwane kompetencje/ <i>Requirements</i></p>	<ul style="list-style-type: none"> • PhD degree in chemistry, physics, chemical engineering, nanotechnology, or sciences, obtained no earlier than 7 years before the starting year of the employment in the project (this period might be longer due to family reasons (according to NCN rules)). • Good publication record and scientific experience. • Ability to work independently as well as in a group. • Significant research achievements in spectroscopy (Experience in the characterization of upconverting systems would be beneficial). • Profound knowledge of photochemistry and photophysics • Ability to communicate fluently in English

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / *required for FNP job offers*

	<p>(written and spoken).</p> <ul style="list-style-type: none"> • Strong motivation to work and pursue scientific questions, creativity, and analytical thinking. • Research experience in related fields will be advantageous. •
<p>Kryteria oceny <i>Key assessment criteria</i></p>	<p>The Recruitment Commission will take into account the following criteria:</p> <ul style="list-style-type: none"> • a) competencies of candidates for specific tasks in a research project (max 70 points), • b) previous scientific achievements of candidates (max 25 points), • c) awards and distinctions of the candidate resulting from the conducted research (5 points). <p>The commission evaluates applications on a point scale (max 100 points).</p>
<p>Procedura rekrutacyjna (jeśli dotyczy) <i>Recruitment procedure (if applicable)</i></p>	<p>How to Apply: Send application directly to rekrutacja@ichf.edu.pl;</p> <p>IMPORTANT: email title “Recruitment 46/2023”;</p> <ul style="list-style-type: none"> • Top candidates will be invited for an online or in-person interview. Good command of English is required. We reserve the right to contact and reply to only selected candidates. • Only candidates with a minimum of 80 points would be considered for the position. A position will be offered to the person who obtains the highest number of points. The Recruitment Committee may not recommend any candidate for the position if no candidate would get at least 80 points. • Employment will take place in accordance with the Employment policy of the Institute of Physical Chemistry PAS https://ichf.edu.pl/files/csr/ipc-procedures.pdf and the provisions of the competition documentation of the National Science Center (NSC) for the Sonata 18: https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala60_2022-zal1.pdf#page=52 https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala94_2022-zal1.pdf • The incomplete applications will be not considered. • The results of the competition are made public. • Candidates who have been issued a negative opinion by the Recruitment Committee or candidates not selected for employment have the right to appeal against the results of the evaluation. The appeal shall be lodged with the Director of the Institute within 7 days from the date of receipt of the appropriate information. The decision of the Director of the Institute shall be final.

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / required for FNP job offers

	<ul style="list-style-type: none"> • If the top candidate does not sign the contract due to the resignation, we reserve the right to choose the next candidate from the ranking list (If he/she obtained at least 80 points in the recruitment process).
Wymagane dokumenty <i>Required documents</i>	<ul style="list-style-type: none"> • employment application, • motivation letter, • professional curriculum vitae, • university degree diploma and PhD certificate, • list of scientific achievements (publications, patents, conference presentations, etc.), • two letters of recommendation written by a scientist in the field.
Dodatkowe Informacje <i>Additional information</i>	Additional information would be provided by email sgawinkowski@ichf.edu.pl Competition documentation of the National Science Center: https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2022/uchwala94_2022-zal1.pdf
Więcej szczegółów - link do strony www ze szczegółami <i>For more details about the position please visit</i>	
Link do strony Euraxess <i>Link to Euraxess website</i>	
Terminy - Deadlines	
Termin przyjmowania zgłoszeń <i>Application deadline</i>	12-11-2023 23:59 GMT+1
Termin rozstrzygnięcia konkursu <i>Deadline for the settlement of the competition</i>	27-11-2023

Additional comments

By submitting the application, you consent to the processing of your personal data in the recruitment process.

The controller of your personal data is the Institute of Physical Chemistry of the Polish Academy of Sciences with its registered office in Warsaw, NIP: 5250008755 (the "Institute"). The Institute will process your data for the purpose of carrying out scientific and research activities, providing services and contact with the Institute, on the basis of a contract (in connection with the performance of the contract or in order to take action on your request before the contract is concluded – Article 6, paragraph 1, letter b) of GDPR), the legitimate interest of the Institute (Article 6, paragraph 1, letter f) of the GDPR) and legal provisions (Article 6, paragraph 1, letter c) of the GDPR) - depending on the circumstances.

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / *required for FNP job offers*

You have the right to: request access to your data, receive a copy of it; rectify (correct) it; delete it; limit its processing; transfer it; lodge a complaint to the supervisory body; withdraw your consent for processing at any time (withdrawal of consent does not affect the lawfulness of the processing carried out prior to its withdrawal) or to lodge an objection to data processing. More information is available on the Institute's website.

http://ichf.edu.pl/gen_inf/gen_en/GDPR%20-%20General%20Information%20Clause.pdf

* można dodać informację o możliwości przedłużenia zatrudnienia / *information regarding the possibility of extension of employment can be added here*

** wymagane dla FNP / required for FNP job offers