

OFERTA PRACY – FORMULARZ

JOB OFFER FORM

Kategorie oferty / Offer categories	
Wymagane logotypy <i>Logotypes</i>	 National Science Centre Poland
Numer referencyjny <i>Reference number</i>	Recruitment no. 14/2022
Miejsce pracy <i>Place of work</i>	Group 9: "Coordination metal complexes and functional materials"
Instytucja finansująca <i>Funding institution</i>	National Science Center (NSC)
Opis projektu - Project description	
Tytuł, rodzaj i numer projektu <i>Project title, type and project number</i>	"Elaboration of unconventional nanostructured perovskites and zinc oxide through compositional and morphological engineering for game-changing improvements in light harvesting devices", MAESTRO, 2019/34/A/ST5/00416
Kierownik projektu <i>Project leader</i>	Prof. dr hab. inż. Janusz Lewiński
Opis <i>Description</i>	We plan to develop mechanochemical processes as an emerging tool for the preparation of highly advanced multicomponent MHP inks. We will also focus on the development of controlled growth of MHP materials with various morphologies including single crystals, nanowires and unprecedented nanotubes/microtubes. These unique nanostructured perovskite materials may open new venue in physico-chemistry of perovskites and optoelectronic devices.
Opis stanowiska - Job description	
Liczba wakatów <i>Number of vacancies</i>	2
Zadania i obowiązki w projekcie <i>Key responsibilities include</i>	Student will be involved in realization of the following research tasks:

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	<ul style="list-style-type: none"> a) fabrication of high quality ZnO nanomaterials prospective for light harvesting devices. b) fabrication of metal halide perovskite- and ZnO-based thin layers. c) characterization of physicochemical properties of the resulting nanostructured materials. d) Scientific initiative and contribution through regular reporting and publishing, as well as presenting at group meetings and conferences for young investigators.
Oferta - Offer	
Nazwa stanowiska <i>Position in the project</i>	Student – Scholarship position
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>	Scholarship
Forma zatrudnienia <i>Job type</i>	Scholarship
Wynagrodzenie/stypendium/miesiąc <i>Salary/Stipend amount/month</i>	1 500 PLN per month
Planowana data rozpoczęcia pracy w projekcie <i>Position starts on</i>	01.06.2022
Okres zatrudnienia/stypendium* <i>Maximum planned period of contract/stipend agreement*</i>	6 months with the possibility of extension
Oferujemy <i>We offer</i>	<ul style="list-style-type: none"> • Participation in high impact and timely research. • Access to unique technology and modern research laboratories. • Opportunity to work in a team of dedicated researchers and technologists. • Opportunity to advance scientific knowledge and gain hands-on experience at the border between theory and experiment. • Participation in international conferences.
Opis perspektyw rozwoju kariery w IChF (jeśli dotyczy)	

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Career development prospects at IPC PAS (if applicable)	
Wymagania - Requirements	
Dyscyplina naukowa** <i>Scientific discipline**</i>	chemistry
Profil naukowy kandydata (wybór z R1-R4, FNP, NCN) <i>Scientific profile of a candidate (according to R1-R4 classification)</i>	First Stage Researcher (R1)
Wymagania/oczekiwane kompetencje/ <i>Requirements</i>	<ul style="list-style-type: none"> • Completed 3rd year of studies in chemistry. • Experience in laboratory work in the field of inorganic, organic and coordination chemistry. • Experience with the use of a Schlenk line and manipulation involving air-sensitive compounds. • Basic knowledge in characterization methods of organic-inorganic functional materials. • Additional skills are welcome: <ul style="list-style-type: none"> - experience in describing the structure–property–function relationship in nanomaterials
Kryteria oceny <i>Key assessment criteria</i>	<ol style="list-style-type: none"> 1. the candidate's research achievements, including publications in prestigious academic press/journals (50% of the final score) 2. research-related achievements, scholarships, awards and research experience gained in Poland or abroad, research workshops and training courses, participation in research projects (20% of the final score) 3. the candidate's competence to carry out specific tasks in the research project (30% of the final score). <ul style="list-style-type: none"> • General knowledge concerning the materials chemistry and nanotechnology. • The candidate's competence to carry out specific tasks in the research project. • Experience with the use of a Schlenk line and manipulation of air-sensitive compounds.
Procedura rekrutacyjna (jeśli dotyczy) <i>Recruitment procedure (if applicable)</i>	<ul style="list-style-type: none"> • The best applicants will be invited for an interview (on-site or online). • The scholarship will be awarded in accordance with the NCN regulations: "Rules of granting scholarships to young scientists in research projects" (Annex to Resolution No 25/2019 of the NCN Council, 14.03.2019) and in accordance with the Employment policy of the Institute of Physical Chemistry PAS (https://ichf.edu.pl/files/intranet/employment-policy.pdf). A scholarship agreement will be signed with successful applicants on condition that the Institute of Physical Chemistry signs the grant agreement with NSC."

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	<ul style="list-style-type: none"> • The commission evaluates applications on a point scale. The scholarship will be awarded to the person who obtains the highest number of points. • 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. • The results of the competition are made public.
Wymagane dokumenty <i>Required documents</i>	<ul style="list-style-type: none"> • Scientific curriculum vitae, including a list of scientific achievements • Motivation letter • At least one recommendation letter • A transcript of the grades/credits received during the last stage of studies and grade point average
Dodatkowe Informacje <i>Additional information</i>	<p>Planned (online) interviews: 27.05.2022</p> <p>How to Apply: Send application directly to rekrutacja@ichf.edu.pl; IMPORTANT! email subject: "Recruitment no. 14/2022"</p>
Więcej szczegółów - link do strony www ze szczegółami <i>For more details about the position please visit</i>	<p>[np. link do strony NCN / e.g. link to NCN website]</p> <p>https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala25_2019-zal1.pdf</p>
Link do strony Euraxess <i>Link to Euraxess website</i>	
Terminy - Deadlines	
Termin przyjmowania zgłoszeń <i>Application deadline</i>	(26-05-2022, 12.00)
Termin rozstrzygnięcia konkursu <i>Deadline for the settlement of the competition</i>	(30-05-2022; 17.00)

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