OFERTA PRACY – FORMULARZ

JOB OFFER FORM

Kategorie oferty / *Offer cathegories*	
Wymagane logotypy *Logotypes*	National Science Centre Poland
Numer referencyjny *Reference number*	Recruitment no. 006-2021
Miejsce pracy *Place of work*	Group 9: "Coordination metal complexes and functional materials"
Instytucja finansująca *Funding institution*	National Science Center (NSC)
Opis projektu - *Project description*	
Tytuł, rodzaj i numer projektu *Project title, type and project number*	"Hypervalency, dormant Lewis acidity and relationship between noncovalent interactions in the Group 13 organometallics (HYPE-13)", OPUS, project number: 2020/37/B/ST4/03310
Kierownik projektu *Project leader*	Dr inż. Iwona Justyniak
Opis *Description*	The goals of this project are the theoretical and experimental investigations directed toward the factors controlling the structure and reactivity of Group 13 organometallic complexes to provide a framework for a unified look at both the dormant Lewis acidity and the bonding situation in electron-rich hypervalent molecules, and unraveling the role of non-covalent interactions on the properties of the complexes in question.
Opis stanowiska - *Job description*	
Liczba wakatów *Number of vacancies*	2
Zadania i obowiązki w projekcie *Key responsibilities include*	PhD student will be involved in the realization of the following research tasks: • Comprehensive structure analysis of 5-coordinate Group 13 complexes included in the Cambridge Structural Database; • Design, synthesis, and characterization of new model Group 13 organometallic complexes (Al and Ga);

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	• Investigation reactivity of 4-coordinate dialkyl Group 13 complexes towards small molecules like carbon dioxide, water and alcohols.
Oferta – Offer	
Nazwa stanowiska *Position in the project*	PhD student – scholarship position
Definicja stanowiska w rozumieniu dokumentacji konkursowej NCN (jeśli dotyczy) *Name of the post and its definition in the meaning of the grant documentation*	Scholarship
Forma zatrudnienia *Job type*	Scholarship
Wynagrodzenie/stypendium/miesiąc *Salary/Stipend amount/month*	2500 PLN per month
Planowana data rozpoczęcia pracy w projekcie *Position starts on*	1.04.2021
Okres zatrudnienia/stypendium* *Maximum planned period of contract/stipend agreement**	24 months with the possibility of extension
Oferujemy *We offer*	• 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, in Erazmus
Opis perspektyw rozwoju kariery w IChF (jeśli dotyczy) *Career development prospects at IPC PAS (if applicable)*	
Wymagania - *Requirements*	
Dyscyplina naukowa** *Scientific discipline***	chemistry
Profil naukowy kandydata (wybór z R1-R4, FNP, NCN) *Scientific profile of a candidate (according to R1-R4 classification)*	First Stage Researcher (R1)

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Wymagania/oczekiwane kompetencje/ *Requirements*	• University degree 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 • Knowledge of methods: ^{1}H, ^{13}C and DOSY NMR, IR spectroscopy, mass spectrometry, elemental analysis, UV-Vis spectroscopy and basic X-ray crystallography • Good command in English, communication skills and predispositions to work in a team
Kryteria oceny *Key assessment criteria*	• 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 • The candidate's research achievements, including publications in prestigious academic press /journals • Research-related achievements, scholarships, awards and research experience gained in Poland or abroad, research workshops and training courses, participation in research projects
Procedura rekrutacyjna (jeśli dotyczy) *Recruitment procedure (if applicable)*	• 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." • 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 *Required documents*	• 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 *Additional information*	Planned online interviews: 22-23.03.2021 **How to Apply:** Send application directly to rekrutacja@ichf.edu.pl; **IMPORTANT!** email subject: "Recruitment no. 006-2021" Contact person: Dr inż. Iwona Justyniak, ijustyniak@ichf.edu.pl
Więcej szczegółów - link do strony www ze szczegółami	[np. link do strony NCN */ e.g. link to NCN website]*

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For more details about the position please visit	*https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala25_2019-zal1.pdf*
Link do strony Euraxess *Link to Euraxess website*	
Terminy - *Deadlines*	
Termin przyjmowania zgłoszeń *Application deadline*	*(17-03-2021, 17.00)* *(dd-mm-yyyy, hour)*
Termin rozstrzygnięcia konkursu *Deadline for the settlement of the competition*	*(24-03-2021)* *(dd-mm-yyyy)*

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