CeNT-57-2025

JOB OFFER

Position in the project:	Research and technical specialist role in the project: Junior Postdoctoral Researcher
Researcher's profile according to the European Council's recommendations	R2
Laboratory:	Laboratory of Organic Electronics
Scientific discipline:	Chemistry
Keywords:	Organic Chemistry, Organic Electronics, Circularly Polarized Light, Nonlinear Optics, Spintronics
Job type:	Employment contract
Part-time/full-time:	Full-time or part-time, depending on subsequent arrangements
Number of job offers:	2
Remuneration amount/month	16 657 PLN - 20 000 PLN gross gross
Position starts on:	1 February 2026
Maximum period of contract/stipend agreement:	24 months with the possibility of extension up to 48 months
Institution:	Centre of New Technologies, University of Warsaw
Main contractor:	dr Przemysław Gaweł
Project title:	Chiral Economical Solutions for Printable Polymer Materials in Electronics, Optoelectronics, and Spintronics (CHERMES)
Programme:	FirstTEAM FENG nr. FENG.02.02-IP.05-0055/24.
Financing institution:	Foundation for Polish Science (FNP)
Project description: *(max 800 characters, including spaces)*	The project will develop a low-cost, scalable pathway to chiral polymer layers for next-generation displays, ultrafast electro-optic modulators, and spintronics. We will use accessible sources of chirality, modified for improved conjugation. The materials will be studied (CPL, ECD, VCD), prepared for printing, and tested in prototype devices.
Key responsibilities include:	• Synthesize and characterize chiral polycyclic aromatic materials and integrate them into perovskites • Troubleshoot and resolve experimental challenges • Generate and refine research ideas within the project scope • Design and test scientific hypotheses • Collect, analyse and interpret data from multiple experimental techniques and literature sources

	• Supervise and mentor junior team members (students/technicians) • Prepare concise progress reports and contribute to publications/presentations The position offered will not be related to activities covered by the protection of minors.
Profile of candidates/requirements:	The competition is open for persons who meet the conditions specified in the regulations on the allocation of resources for the implementation of tasks financed by the Foundation for Polish Science for First Team FENG grant. ***Required competencies*** • *Hold a PhD (or equivalent) in chemistry.* • *Have practical experience in the synthesis and analysis of functional organic materials and chiral materials.* • *Have an excellent general knowledge of chemistry.* • *Communicate well in English in writing and in oral and visual presentations, and be able to write reports for publication in scientific journals.* • *Be a good team player.* • *Have a willingness to supervise and support junior coworkers.* • *Be highly motivated and have a strong commitment to research.* ***Desirable competences*** • *Good knowledge of physical organic chemistry and materials sciences.* The candidate should hold a PhD degree for no longer than 7 years before the date of signing an employment agreement in the project.
Candidate evaluation criteria	- the candidate's research achievements, including publications in prestigious academic press /journals - soft skills (communication skills, ability to work in a team, resistance to stress) - research achievements, scholarships, awards and research experience gained in Poland or abroad, research workshops and training courses, participation in research projects - the candidate's competencies to carry out specific tasks in the research project, including the synthesis of chiral and functional materials
Required documents:	1. Cover letter 2. Current curriculum vitae 3. Copy of PhD certificate or a document confirming that the Candidate will obtain the PhD degree prior to the date of employment in the project 4. Two letters of recommendation and/or references from previous employers/supervisors or contact details to them. 5. Signed information on the processing of personal data 6. Please familiarize yourself with following documents: • the Open, Transparent and Merit-Based Recruitment Policy at the University of Warsaw, • Internal Reporting Procedure, • Par. 126 of the UW Statutes Resolution No. 443 of 26 June 2019

We offer:	• **A vibrant, young and ambitious team** – join a rapidly developing group that values creativity, open dialogue and mutual support. • **Competitive remuneration** – an attractive, fully funded salary package in line with post-doctoral rates. • **Cutting-edge research** – shape an innovative, international project at the forefront of organic optoelectronics. • **Career development** – benefit from the University of Warsaw's extensive training, mentoring and grant-writing programmes to accelerate your academic or industrial trajectory. • **State-of-the-art facilities** – modern laboratories and shared instrumentation, plus opportunities for short research stays with project partners abroad. • **On-site amenities** – immediate access to the UW Sports Centre located next to the department, offering convenient fitness and recreational options. • **Affordable housing** – the possibility of renting University apartments at a very competitive price to ease relocation and daily living costs. Please learn more about career development opportunities at the University of Warsaw
Please submit the following documents to:	E-mail: careers@cent.uw.edu.pl with the competition number 'CeNT-57-2025' as the e-mail title
Application deadline:	19 January 2026
Date of announcing the results:	26 January 2026
Method of notification about the results:	E-mail, CeNT website

The competition is addressed to people of all genders, and people with disabilities or special needs can report needs related to ensuring accessibility in the recruitment process.