

JOB OFFER

Position in the project:	PhD level chemist (postdoctoral position)
Scientific discipline:	Chemistry, Organic Chemistry, Soft Materials Science
Job type:	Employment contract, full time
Number of job offers:	3
Remuneration amount/month:	<i>salary of 9000 PLN/month brutto</i>
Position starts on:	October 2, 2017 (Jan 2st 2018 at the latest)
Maximum period of contract/stipend agreement:	Contract for one year with a possibility of extending to 36 months
Institution:	Organic Materials Research Group, Centre of Molecular and Macromolecular Studies, Polish Academy of Sciences
Project leader:	Prof. dr hab. inż. Piotr Kaszyński
Project title:	Supramolecular materials designed for fundamental studies and energy conversion technologies <i>Project funded under the Team program by the Foundation for Polish Science (FNP)</i>
Project description:	<p>Postdoctoral scientists will participate in 3 years-long research projects focused on the development and applications of molecular and polymeric materials containing stable radicals and boron clusters specifically designed for addressing needs in energy harvesting and storing, and information processing. The research involves synthesis, fundamental studies of soft materials, their self-assembly and characterization of bulk properties in search of new materials for molecular electronics, spintronics, photovoltaics, and ion battery applications. We are seeking highly motivated candidates with well-balanced experimental and theoretical skills, interested in soft materials, liquid crystals, magnetic phenomena, organic semiconductors, and device testing.</p> <p>The project includes collaborations with scientists from University of Warsaw, European Space Agency, CreaTECH, University of Pau, University of Stuttgart, University of Valencia, and University of Alabama, USA, where some magnetic, photovoltaic, electrochemical, spintronic and device testing experiments will be performed.</p>
Key responsibilities include:	<ol style="list-style-type: none">1. Organic synthesis and characterization of molecular materials2. Polymer preparation and characterization3. Magnetic characterization of radicals in solutions and solid-state4. Impedance spectroscopy of ionic liquid crystals5. Travel to collaborators to perform specialized measurements and device testing.6. Supervision of PhD students7. Writing reports and publications

Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. PhD degree in Chemistry or related to Chemistry preferably within the past 5 years 2. Proven ability for outstanding research and team work in topics relevant to soft materials 3. Research experience in at least one of the following: organic synthesis, characterization of liquid crystals, boron cluster chemistry, organic magnetism, photovoltaic materials 4. Enthusiasm and high motivation for learning new techniques and collaboration with other research groups 5. Proficiency in spoken and written English (knowledge of Polish is not required)
Required documents:	<ol style="list-style-type: none"> 1. Cover letter and motivation for the position 2. <i>Curriculum Vitae</i> with the number of citations of publications without self-citations, the <i>h</i> index and the number of years worked effectively in science 3. Full list of publications 4. List of top 5 most significant achievements, such as publications, patents, book chapters, awards, etc. 5. A brief summary of professional accomplishments, containing concise information about scientific interests and past achievements 6. Scan of the candidate's university degrees 7. Contact information for at least two referees, including one current and one former supervisor
We offer:	<ol style="list-style-type: none"> 1. Opportunities to acquire skills in the field of synthesis and extensive characterization of paramagnetic and dielectric soft materials combined with quantum-mechanical calculations 2. Building leadership skills 3. Funds for visits to other laboratories to conduct measurements, and for attending scientific conferences 4. Friendly and highly motivating interdisciplinary and international team-work environment 5. Rewarding salary
Please submit the following documents to:	kaszynskiTEAM@cbmm.lodz.pl
Application deadline:	first round of application consideration - August 25 th , 2017; call expires after filling the positions. Selected candidates will be asked for interview in person or via Skype in the week of September 4 th .
For more details about the position, process and helpful forms please visit:	http://www.cbmm.lodz.pl/work.php?id=70&title=piotr-kaszynski
Euraxess job/stipend offer (in case of PhD and postdoc positions):	https://euraxess.ec.europa.eu/jobs/230701
Please include in your offer:	

"I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended."

