

JOB OFFER

Position in the project:	M.Sc. student
Scientific discipline:	Chemistry, Organic Chemistry, Soft Materials Science
Job type:	stipend
Number of job offers:	2
Stipend amount/month:	<i>stipend of 2000 PLN/month</i>
Position starts on:	October 2nd 2017 (January 2nd 2018 at the latest)
Maximum period of contract/stipend agreement:	18 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>M.Sc.-track students 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 semiconductor, and device testing.</p> <p>The project includes collaborations with scientists from University of Warsaw, European Space Agency, CreoTECH, 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 basic characterization of molecular materials including liquid crystals2. Polymer preparation and characterization
Profile of candidates/requirements:	<ol style="list-style-type: none">1. MSc-track in Chemistry or related fields2. Enthusiasm and high motivation for learning new techniques and collaboration with other research groups3. Ability to communicate in English

Required documents:	<ol style="list-style-type: none"> 1. Curriculum Vitae 2. Motivation letter 3. A copy of transcript from undergraduate courses 4. Two recommendation letters (sent directly by the Referees)
We offer:	<ol style="list-style-type: none"> 1. Acquiring skills in the field of synthesis and extensive characterization of soft materials 2. Possibility for visits to other laboratories to conduct measurements, and for attend scientific conferences 3. Friendly and highly motivating interdisciplinary and international team-work environment
Please submit the following documents to:	kaszynskiTEAM@cbmm.lodz.pl
Application deadline:	September 11 th , 2017. Selected candidates will be interviewed in person or via Skype immediately after the closing date
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/230747

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."