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PhD position in polymer chemistry (m/f) [PHD042015]

A **3-year PhD position** is available at the **Functional Nanomaterials** group, Department of Organic Chemistry, Charles University in Prague, starting at the earliest **from October 2015**. All research costs are fully covered. The scholarship including salary is highly adequate to cover all living expenses in the Czech Republic (~195600.- CZK p.a.).

Requirements:

- **Master degree** (or equivalent) in organic chemistry, or polymer chemistry.
- **Strong background and good marks in synthetic organic or polymer chemistry required.**
- **Fluent English** and ability to communicate within an international team (UK, Germany).

We offer:

- Participation in cutting-edge materials research.
- Opportunity to gain expertise in novel analytical and synthetic techniques (high-pressure/high-temperature synthesis, X-ray diffraction, electron microscopy).
- Access to international partner-laboratories (University of Liverpool, UK; TU Berlin, Germany; Diamond Light Source, UK; ESRF, France).

Tasks:

Assignments include research in the field of **functional, two-dimensional (2D) materials**, and their application as devices in **energy and gas storage**. The applicant will explore the aspects of synthesis (including scale-up) and characterization using PXRD, TEM, SEM, IR, Raman and gas sorption.



For questions please do not hesitate to contact **Michael J. Bojdys**, Charles University in Prague, Faculty of Science, Hlavova 8, 128 43 Praha 2, Czech Republic; tel: +420776159899, e-mail: bojdys@natur.cuni.cz

Charles University in Prague is an equal opportunity employer that aims at an increase of the proportion of women within scientific and artistic staff and thus strongly encourages qualified women to apply. Female applicants will be considered preferentially if their abilities, aptitude and professional performance are equal with those of fellow participants. Persons with disabilities are especially encouraged to apply.

Applications including a cover letter, CV, relevant diploma/certificates and where applicable a list of publications, should be sent *via* email (PDF) to Michael J. Bojdys (bojdys@natur.cuni.cz).
Deadline for applications is by **30th of September, 2015**.