

Inzerát zveřejněný dne 28.2.2018 na úřední desce fakulty, uzávěrka přihlášek 31.3.2018 včetně

Děkan Přírodovědecké fakulty Univerzity Karlovy

vypisuje výběrové řízení na obsazení místa:

International Postdoctoral Fellowship – Computational Material Science

The Faculty of Science, Charles University (Prague, Czechia) invites applications for a Post-doctoral position in the Chemical Section for the project “International Mobility of Researchers at Charles University” with reg. number CZ.02.2.69/0.0/0.0/16_027/0008495 co-financed by OP RDE.

The position is open for researchers experienced with computational simulations of materials using electronic structure theory, molecular mechanics and molecular dynamics. The Position is within the research team of Prof. Petr Nachtigall at the Department of Physical and Macromolecular Chemistry, Charles University, Prague. Candidate will closely collaborate with theoretical and computational chemists in the department and within the CUCAM research project www.zeolites.cz/CUCAM.

Work will focus on modeling the transformation of two-dimensional zeolites into new three-dimensional structures. The research will focus on understanding the mechanism of zeolite synthesis from these two-dimensional precursors in the presence of organic cations. For more information on the research and people involved see www.zeolites.cz/CUCAM or contact petr.nachtigall@natur.cuni.cz.

Eligibility criteria:

- Ph.D. or other appropriate level 8 ISCED (International Standard Classification of Education) qualification completed within the last seven years.
- The applicant must have resided outside the Czech Republic at least for 2 of the last 3 years.
- The applicant must have had at least 2 published, peer-reviewed research outputs in the last 3 years.
- All research activities will be conducted in English; knowledge of the Czech language is not required.

Selection process:

Selection will be based on the relevance of candidates' professional interests and experience, excellence in research achievements.

Position duration, starting date and remuneration:

The position tenure is 18 months, starting no later than on July 1, 2018. The gross monthly salary is 62,222 CZK (circa 2,437 EUR) including health insurance and social insurance coverage.

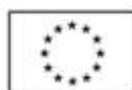
Required application materials:

- Curriculum vitae including a list of publications
- copy of PhD diploma
- motivation letter
- contact details for 2–3 referees (references)

How to submit application materials:

Please email required application materials to the project coordinator, Ms. Radka Kotackova: radka.kotackova@natur.cuni.cz, Faculty of Science, Charles University, Prague.

Application deadline:

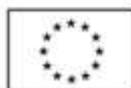


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The application deadline is March 31, 2018. Subsequently, the applications' review will begin immediately. Successful candidates will be informed by April 30, 2018. The job status is full-time - 40 hours per week.



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