

## **Chemical and Biological Systems Simulation Lab**

is looking for candidates to work in a NCN SONATA BIS 6 scientific project:

**“Anionic, cationic and mesoionic analogues of N-heterocyclic carbenes in homogenous catalysis”**

for positions:

**PostDoc (1)**

**We offer:**

- an interesting topic and a state-of-art computational laboratory in the newly-build Centre of New Technologies
- salary: approx. 5000 PLN per month and a contract for 1 year with a possible extension for additional 2 years

**Tasks description:**

- quantum mechanical calculations on the structures of new catalysts and their initiation pathways and mechanisms of catalytic reactions

**We are looking for:**

- an enthusiastic person ready to engage in serious science
- with very good knowledge of English
- with experience in computational chemistry and organometallic/organic chemistry
- with very good knowledge of mechanisms of organic reactions
- with strong analytical and problem-solving skills and scientific creativity
- with expertise in using a variety of quantum mechanical modeling codes
- with excellent communication skills, including the ability to write peer-reviewed journal articles and create and give oral presentations at scientific conferences
- who has a PhD in chemistry or similar field obtained in the last 5 years or will obtain it until March 1st 2018

Candidates should send the **CV listing all publications, stipends and awards** (with the following line added: „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.”), **a list of all marks obtained during undergraduate courses, contact information for two researchers collaborating with the candidate and proof of the PhD Degree** to: b.trzaskowski@cent.uw.edu.pl by 27.12.2017.