



## Postdoc Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC)

### Open Postdoc position at FUB for CSC scholarship candidates 2017

*Please note: the postdoc position is only offered to Chinese who graduated with a PhD degree from a Chinese university.*

<b><u>Department/Institute:</u></b>	Department of Biology, Chemistry, Pharmacy/ Institute of Chemistry and Biochemistry/Inorganic Chemistry
<b><u>Subject area:</u></b>	Quantum Chemistry, Matrix-Isolation Spectroscopy
<b><u>Professor / Research Group:</u></b>	Prof. Dr. Sebastian HASENSTAB-RIEDEL (Mr.)
<b><u>Number of open Postdoc positions:</u></b>	2
<b><u>Project title:</u></b>	Investigation of novel main group compounds by matrix-isolation spectroscopy and quantum- chemical methods

#### **Postdoc Project description:**

Novel main group compounds will be prepared by different matrix-isolation techniques at cryogenic conditions in rare gases at 4K. The species in question will be characterized by UV/VIS, IR and Raman spectroscopy in conjunction with state-of-the-art quantum-chemical calculations.

#### **Language requirements:**

- English: IELFS 6.5 or TOEFL 95  
- German: Test DaF 16 or DSH 2

#### **Academic requirements:**

A Ph.D. in chemistry or physics is required. Knowledge in quantum-chemistry is very helpful.

#### **Information of the professor or research group leader:**

<http://www.bcp.fu-berlin.de/en/chemie/chemie/forschung/InorgChem/agriedel/index.html>

#### **Please note:**

In a first step the complete application should be submitted to the Beijing Office for evaluation by November 6, 2016. Please don't contact the professor before. He/She will get in contact with you after having received the complete application.