



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

Open Postdoc position for CSC scholarship candidates 2015

The postdoc position is only offered to [Chinese](#) who graduated with a [PhD degree from a Chinese university](#).

<u>Department/Institute:</u>	Institute of Chemistry and Biochemistry – Inorganic Chemistry
<u>Subject area:</u>	Halogen Chemistry, Spectroscopy, Quantum Chemistry
<u>Name of Supervisor:</u>	Prof. Dr. Sebastian Hasenstab - Riedel
<u>Number of open positions:</u>	1
<u>Project title:</u>	Investigation of novel metal oxyfluoride systems by matrix – isolation spectroscopy and quantum – chemical methods

Project description:

Novel metal oxyfluoride 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.

Academic requirements:

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

Link to professor/contact and further information:

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

Please note:

In a first step the complete application should submit to the Beijing Office for evaluation by January 4th. Please don't contact the professor before. He will get in contact with you after having received the complete application in January.