



PhD Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC) Open PhD position for CSC scholarship candidates 2015

The PhD position is only offered to Chinese PhD candidates for application in the framework of the FU-CSC Program.

<u>Department/Institute:</u>	Institute of Chemistry and Biochemistry– Inorganic Chemistry
<u>Subject area:</u>	Halogen Chemistry, Spectroscopy, Quantum
<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 halide systems by matrix-isolation spectroscopy and quantum- chemical methods

Project description:

New metal halide systems will be prepared by different matrix-isolation techniques at cryogenic conditions in rare gases at 4K. The species in question will be characterized by IR and Raman spectroscopy in conjunction with state-of-the-art quantum-chemical calculations.

Language requirements:

Both languages German and English are OK.

Academic requirements:

A Master's degree in chemistry or physics is required.

Link to professor 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.