



## NOTICE

### BASIC INFORMATION

Position available within the research project entitled: : “Molecular metal clusters: bridging a gap between small molecules and nanocrystals”, project number PN-III-P4-ID-PCE-2016-0089

**Title\*:** *Chemist/Chemical Engineer (master student)*

**Offer Description\*:** *molecular modeling of inorganic/organometallic cluster compounds using specialized software implemented on a high-performance computer*

#### Researcher Profiles \*:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> First Stage Researcher (R1) | <input type="checkbox"/> Recognised Researcher (R2) |
| <input type="checkbox"/> Established Researcher (R3)            | <input type="checkbox"/> Leading Researcher (R4)    |

**Research field \*:**

**Type of Contract\*:**

**Job Status \*:**

**Hours Per Week\*:** 20

**Application Deadline \*:** 8.10.2018

**Envisaged Job Starting Date:** 1.11.2018

**Is the job funded through a EU Research Framework Programme? \***

**Is the Job related to staff position within a [Research Infrastructure](#)?**

**How to Apply \*:**

**Contact person\*:** lect. dr. Alexandru Lupan

**E-mail address\*:** alupan@chem.ubbcluj.ro

\* - Câmpuri obligatorii

Internal Application form needed (.pdf files)

## HIRING INFO & WORK LOCATION

Number of positions available\*: 1

Company/Institute\*: Babeş-Bolyai University

Department\*: Faculty of Chemistry and Chemical Engineering

## REQUIREMENTS

**Required Education Level** (se completează unul sau mai multe câmpuri, după caz)

Main Research Field\*: Chemistry

Level\*: Bachelor Degree or equivalent

Main Research Field\*: Engineering

Level\*: Bachelor Degree or equivalent

**Skills/Qualifications:** proven experience in molecular modeling applied to inorganic/organometallic compounds

**Specific Requirements:** good Linux knowledge, HPC computing, specific software (Gaussian, Spartan).

## Required Languages

Language \* ROMANIAN

Level\* Excellent

Language \*

Level\*

**Required Research Experience** *(se completează unul sau mai multe câmpuri, după caz)*

Research Field \*

Years of Research Experience \*

Research Field \*

Years of Research Experience \*

#### ADDITIONAL INFO

Email for additional job details: [alupan@chem.ubbcluj.ro](mailto:alupan@chem.ubbcluj.ro)

**Benefits:** *(câmp opțional)*

**Eligibility criteria:** *(câmp opțional)*

**Selection process:** *(câmp opțional)*

**Additional comments:** *(câmp opțional)*