



## NOTICE

### BASIC INFORMATION

Position available within the research project entitled: "NanoTEX/Multifunctional magnetoplasmonic nanomaterials", project number **PN-III-P4-ID-PCCF-2016-0112, 6/2018**

**Title\***: *Research Assistant PhD student*

**Offer Description\***: *preparation and characterization of magnetic respectively core shell nanoparticles*

**Researcher Profiles \***: *(se bifează opțiunea dorită)*

- |   |   |
|---|---|
| <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\***: *40 h/week*

**Application Deadline \***: *20.08.2018*

**Envisaged Job Starting Date**: *01.09.2018*

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

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

**How to Apply \***:

**Contact person\***: Acad. Burzo Emil

**E-mail adress\***: [emil.burzo@phys.ubbcluj.ro](mailto:emil.burzo@phys.ubbcluj.ro)

\* - Câmpuri obligatorii

Internal Application form needed (.pdf files)

#### HIRING INFO & WORK LOCATION

Number of positions available\*: one

Company/Institute\*: Babes-Bolyai University, Faculty of Physics

Department\*: *Condensed Matter Physics and Advanced Technologies*

#### REQUIREMENTS

##### Required Education Level

Main Research Field\*: Physics

Level\*: Master Degree or equivalent

Main Research Field\*: Please Select

Level\*: Please Select

**Skills/Qualifications:** *Bachelor Degree Chemistry or Physics, Master Degree in Solid State Physics, PhD student Physics*

**Specific Requirements:** nanoparticle preparation through different methods, X-ray diffraction, TEM, magnetic measurements

##### Required Languages

Language \* ROMANIAN

Level\* Excellent

Language \*

Level\*

#### Required Research Experience

Research Field \*

Years of Research Experience \*

Research Field \*

Years of Research Experience \*

#### ADDITIONAL INFO

**Website for additional job details:** *(câmp opțional)*

**Benefits:** *(câmp opțional)*

**Eligibility criteria:** *Bachelor Degree Chemistry or Physics, Master Degree in Solid State Physics, PhD student Physics*

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

**Additional comments:** [emil.burzo@phys.ubbcluj.ro](mailto:emil.burzo@phys.ubbcluj.ro)