



NOTICE

BASIC INFORMATION

Position available within the research project entitled: “The usage of composite materials with graphene oxide for improving the performance of building and installation elements against fire action in order to ensure the protection of life in case of fire (Graphene4life)”, project number 38PCCDI, code: PN-III-P1-1.2-PCCDI-2017-0350 at Babeş-Bolyai University, partner in the research project.

Title*: *RESEARCH ASSISTANT*

Offer Description*: *(descrierea poziției vacante)*

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*: *(8 hours/day)*

Application Deadline*: *08.10.2018*

Envisaged Job Starting Date: *01.11.2018*

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*:

Internal Application form needed (.pdf files) *(se bifează opțiunea, dacă este cazul)*

HIRING INFO & WORK LOCATION

Number of positions available*: 2

Company/Institute*: Babeş-Bolyai University, Cluj-Napoca, Romania

Department*: Graphene4life –complex project/ Department of Solid State Physics and Advanced Technology (Faculty of Physics)

REQUIREMENTS

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

Main Research Field*:

Level*:

Main Research Field*:

Level*:

Skills/Qualifications: Bachelor Degree or equivalent in Physics or Chemistry

Specific Requirements:

Documents required for the selection process:

- application form;
- letter of intent;
- curriculum vitae;
- criminal record;
- medical certificate, issued by the doctor
- minimum copies of the baccalaureate diploma, the bachelor's degree in physics or chemistry and the master's degree;
- minimum copy of the certificate that attests the status of PhD student of the candidate or a copy of the doctor's degree, other scientific or academic degrees or titles;
- the list of academic papers, published in the specified field, with the impact factor and the number of citations for each paper

NOTE! To be considered for this position the candidate must fulfill UEFISCDI criteria for PCCDI research projects (available on <https://uefiscdi.ro/proiecte-complexe-realizate-in-consortii-cdi-pccdi>)

Required Languages (se completează unul sau mai multe câmpuri, după caz)

Language *

Level*

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

Website for additional job details: (câmp opțional)

Benefits: (câmp opțional): 1800 lei/month (after taking off all taxes according to the active law in Romania)

Eligibility criteria: (câmp opțional)

Selection process: (câmp opțional)

- a. Analysis of the candidate's file - the absence of any required document leads to the removal of the candidate from the contest;
- b. Practical evidence of the knowledge of analysis techniques: XRD, XPS, SEM, (HR) TEM, TGA / DTA, zeta potential, FTIR and interpretation of the result
- c. Interview-presentation in Power Point, in English, of the research activity carried out so far and evaluation of the knowledge in the field (Number of papers published on the topic of the research project, impact factor and number of citations/publication will be evaluated);

Additional comments: (*câmp opțional*) – you can submit the application at: lucian.baia@phys.ubbcluj.ro – Associate Professor, PhD. Lucian Baia

In order to be registered as an official candidate you must send until **08.10.2018** the record with all the documents required for the selection process. If the record will be declared "admitted" there are other 2 steps: a practical step (on **12 October 2018, at 10 o'clock, S2A Room**, Institute for Interdisciplinary Research in Bio-Nano-Science, Treboniu Laurian str., nr. 42, RO-400271, Cluj-Napoca, Romania) and an interview-presentation, in PowerPoint, related to your research activity that could also include questions about the level of knowledge closely related to the topic of the job (**on 19 October 2018, Seminar Room**, in the same location as for the practical step). Please note that we cannot ensure the traveling and accommodation costs.