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NOTICE

BASIC INFORMATION

Position available within the research project entitled: "Disclosing the potential of transition metal dichalcogenides for thermoelectric applications through nanostructuring and confinement (MELODICA)", project number COFUND-FLAGERA II-MELODICA.

Title*: Research assistant (postdoctoral position)

Offer Description*: Postdoctoral position to work on the statistical modeling of transport properties (thermal and electrical conductivity) of the nanostructured and low-dimensional transition metal dichalcogenide materials.

Researcher Profiles *: (se bifează opțiunea do	rită)
First Stage Researcher (R1)	Recognised Researcher (R2)
Established Researcher (R3)	Leading Researcher (R4)
Research field *: Physics	•
Type of Contract*: Temporary ▼	
Job Status *: Full-time ▼	
Hours Per Week*: 8 hours/day	
Application Deadline *: 30.08.2019	
Envisaged Job Starting Date: 19.09.2019	
Is the job funded through a EU Research Fram H2020	nework Programme? *
Is the Job related to staff position within	a Research Infrastructure? (se bifează opțiunea)
How to Apply *: email ▼	
Contact person*: Bilc Daniel	
* - Câmpuri obligatorii	

E-mail adress*: Daniel.Bilc@phys.ubbcluj.ro

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

HIRING INFO & WORK LOCATION

Number of positions available*: 1

Company/Institute*: Babes-Bolyai University, Cluj-Napoca 400084, Str. M. Kogalniceanu no. 1, Romania.

Department*: Faculty of Physics, Institute of Physics "Ioan Ursu"

REQUIREMENTS

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

Main Re	search Field*:	Physics	
Level*:	PhD or equivalent	▼	
Main Re	search Field*:	Please Select	
Level*:	Please Select	▼	

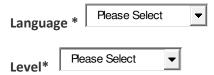
Skills/Qualifications: Higher education in the field of solid state physics and/or theoretical physics; PhD degree in physics obtained after the date of 19.09.2014.

Competencies for evaluation of the electronic and transport properties of advanced materials used in practical/industrial applications. Competencies to use the specific software for statistical modeling/simulation (for ex. R code, OpenStat Material, ViSta, Mathematica, Matlab, etc.).

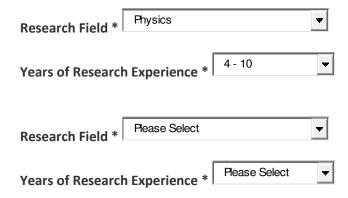
Specific Requirements: The research experience of at least 6 months (including research stages) in statistical modeling/simulations is absolutely essential.

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





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



ADDITIONAL INFO

Website for additional job details: (câmp opțional)

Benefits: (câmp opțional)

Eligibility criteria: (câmp opțional)

Selection process: Evaluation of knowledge in the field (eliminatory) and power point presentation of the research activity carried out to date.

Additional comments: Additional information at Daniel.Bilc@phys.ubbcluj.ro