



Ministerul Educației
Universitatea POLITEHNICA din București

Formular de publicare a posturilor didactice și de cercetare în platforma *Euraxess*

Contact: euraxess@upb.ro



HR EXCELLENCE IN RESEARCH

I. Basic information*¹

Title*	Asistent, poziția 42		
Offer description*	<p><i>Department of Mathematics & Informatics is a member of the Faculty of Applied Sciences at University Politehnica of Bucharest. Our department provides fundamentals in mathematics to students majoring in engineering fields at the Faculty of Applied Sciences, Faculty of Engineering in Foreign Languages, Faculty of Transportation, Faculty of Industrial Engineering and Robotics, Faculty of Mechanical Engineering and Mecatronics, Faculty of Biotechnic Systems Engineering, Faculty of Materials Science and Engineering, and Faculty of Entrepreneurship, Business Engineering and Management. The teaching process is carried out within accredited study programmes for undergraduate and graduate students and covers a wide range of topics such as: Mathematical analysis, Linear algebra, Numerical mathematics, Probability and statistics, Differential equations, and much more. The department members are engaged in research activities in pure and applied mathematics such as: nonlinear analysis and optimization; fixed point theory; differential geometry; numerical analysis, computer modelling and simulation, systems control. The scientific seminar on Nonlinear Analysis and Optimization brings together people working in their research areas, with strong support in guiding young researchers. Last, but not least, we underline that our department has five PhD supervisors in Mathematics.</i></p> <p><i>The structure of the position 42 -assistant- comprises the following subjects: Algebra, analytic and differential geometry I; Matrix calculus methods; Numerical analysis (bachelor level).</i></p> <p><i>The successful candidate will be responsible for delivering tutorials, design, prepare and develop teaching materials in the fields associated to position subjects. The candidate should meet the minimum standards established by the Ministry of Education and by the Polytechnic University of Bucharest (details can be found here: https://www.edu.ro/titluri-stiintifice).</i></p> <p>APPLICATION</p> <p><i>Before applying, all candidates are invited to read carefully the UPB's Methodology for occupying didactic and research positions: [adresa statică a documentului la zi, în limba engleză]</i></p>		
Research field*	Mathematics		
Type of contract*	Temporary	Job status	Full-time
Hours per week*	4		
Application deadline*	13-10-2022, 16-00		

¹ Câmpurile marcate cu * sunt obligatorii.

Envisaged job starting date*	10-10-202
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Is the job funded through a EU Research Framework Programme?*
Click pentru a selecta o opțiune.
No <input type="checkbox"/>

II. Hiring information and work location²

Faculty*	Științe Aplicate		
Department*	Department of Mathematics & Computer Science		
No. of positions available	one		
Website		mihai.postolache@upb.ro	
Phone		0722 798 417	

² Câmpurile marcate cu * sunt obligatorii.

III. Requirements

Această secțiune este opțională. Recomandăm includerea unor informații pentru a completa anunțul de angajare.

Required education level	Master or equivalent
Skills/Qualifications	<ul style="list-style-type: none">○ <i>teaching seminars according to the workload in the academic job description;</i>○ <i>tutorial activities;</i>○ <i>scientific research activities included in academic career plan;</i>○ <i>participation in scientific conferences;</i>○ <i>participation in management activities of the institution;</i>○ <i>professional activities for the community;</i>
Required languages	Romanian

IV. Additional information

Această secțiune este opțională.

Additional comments	<p><i>We offer full time contract, stable employment in a prestigious university, professional development possibilities, an academic work environment with access to modern research facilities and data bases.</i></p> <p><i>The candidate has to provide a document issued by the doctoral school he has been enrolled to, certifying his Ph. D candidate status.</i></p>
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V. ANEXA: Lista subdomeniilor de cercetare.

Recomandăm selectarea a cât mai multe subdomenii. Cel puțin unul este obligatoriu.

Biological sciences	<input type="checkbox"/>	Communication science	<input type="checkbox"/>
Biodiversity	<input type="checkbox"/>	Graphic communication	<input type="checkbox"/>
Biological engineering	<input type="checkbox"/>	Science communication	<input type="checkbox"/>
Biology	<input type="checkbox"/>		
		Computer science	<input type="checkbox"/>
Agricultural sciences	<input type="checkbox"/>	3D Modelling	<input type="checkbox"/>
Soil science	<input type="checkbox"/>	Automatic computing	<input type="checkbox"/>
Agronomics	<input type="checkbox"/>	Computer architecture	<input type="checkbox"/>

Agricultural products	<input type="checkbox"/>	Computer hardware	<input type="checkbox"/>
		Computer systems	<input type="checkbox"/>
Arts	<input type="checkbox"/>	Cybernetics	<input type="checkbox"/>
Visual arts	<input type="checkbox"/>	Database management	<input type="checkbox"/>
		Digital systems	<input type="checkbox"/>
Astronomy	<input type="checkbox"/>	Informatics	<input type="checkbox"/>
Astrophysics	<input type="checkbox"/>	Modelling tools	<input type="checkbox"/>
Cosmology	<input type="checkbox"/>	Programming	<input type="checkbox"/>
Other			
		Systems design	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>		
Analytical chemistry	<input type="checkbox"/>	Economics	<input type="checkbox"/>
Applied chemistry	<input type="checkbox"/>	Applied economics	<input type="checkbox"/>
Biochemistry	<input type="checkbox"/>	Business economics	<input type="checkbox"/>
Combinatorial chemistry	<input type="checkbox"/>	Commercial economics	<input type="checkbox"/>
Computational chemistry	<input type="checkbox"/>	Consumer economics	<input type="checkbox"/>
Heterogeneous chemistry	<input type="checkbox"/>	Econometrics	<input type="checkbox"/>
Homogeneous chemistry	<input type="checkbox"/>	Industrial economics	<input type="checkbox"/>
Inorganic chemistry	<input type="checkbox"/>	Market economics	<input type="checkbox"/>
Instrumental analyses	<input type="checkbox"/>	Marketing	<input type="checkbox"/>
Instrumental techniques	<input type="checkbox"/>	Management studies	<input type="checkbox"/>
Molecular chemistry	<input type="checkbox"/>	Production economics	<input type="checkbox"/>
Organic chemistry	<input type="checkbox"/>	Transport economics	<input type="checkbox"/>
Physical chemistry	<input type="checkbox"/>		
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>
Reaction mechanisms and dynamics	<input type="checkbox"/>		
Solar chemistry	<input type="checkbox"/>	Engineering	<input type="checkbox"/>
Structural chemistry	<input type="checkbox"/>	Airspace engineering	<input type="checkbox"/>
		Agriculture engineering	<input type="checkbox"/>
		Biomaterial engineering	<input type="checkbox"/>
Education	<input type="checkbox"/>	Biomedical engineering	<input type="checkbox"/>
Learning studies	<input type="checkbox"/>	Chemical engineering	<input type="checkbox"/>
Research methodology	<input type="checkbox"/>	Civil engineering	<input type="checkbox"/>
Teaching methods	<input type="checkbox"/>	Communication engineering	<input type="checkbox"/>
		Computer engineering	<input type="checkbox"/>
Information science	<input type="checkbox"/>	Control engineering	<input type="checkbox"/>
Information management	<input type="checkbox"/>	Design engineering	<input type="checkbox"/>
		Electrical engineering	<input type="checkbox"/>
Management	<input type="checkbox"/>	Electrical engineering	<input type="checkbox"/>
		Industrial engineering	<input type="checkbox"/>
Mathematics	<input checked="" type="checkbox"/>	Knowledge engineering	<input type="checkbox"/>
Combinatorial analysis	<input type="checkbox"/>	Materials engineering	<input type="checkbox"/>
Computation mathematics	<input type="checkbox"/>	Mechanical engineering	<input type="checkbox"/>
Discrete mathematics	<input type="checkbox"/>	Microengineering	<input type="checkbox"/>
Chaos theory	<input type="checkbox"/>	Nuclear engineering	<input type="checkbox"/>
Applied mathematics	<input type="checkbox"/>	Precision engineering	<input type="checkbox"/>
Algebra	<input type="checkbox"/>	Process engineering	<input type="checkbox"/>
Algorithms	<input type="checkbox"/>	Projects engineering	<input type="checkbox"/>

Geometrics	<input type="checkbox"/>	Simulation engineering	<input type="checkbox"/>
Mathematical analysis	<input type="checkbox"/>	Sound engineering	<input type="checkbox"/>
Probability	<input type="checkbox"/>	Surveying engineering	<input type="checkbox"/>
Statistics	<input type="checkbox"/>	Systems engineering	<input type="checkbox"/>
Mathematical logic	<input type="checkbox"/>		
Number theory	<input type="checkbox"/>	Physics	<input type="checkbox"/>
		Quantum mechanics	<input type="checkbox"/>
Technology	<input type="checkbox"/>	Relativity	<input type="checkbox"/>
Chemical technology	<input type="checkbox"/>	Solid state physics	<input type="checkbox"/>
Energy technology	<input type="checkbox"/>	Neutron physics	<input type="checkbox"/>
Environmental technology	<input type="checkbox"/>	Electronic physics	<input type="checkbox"/>
Future technology	<input type="checkbox"/>	Mathematical physics	<input type="checkbox"/>
Electrical technology	<input type="checkbox"/>	Metrology	<input type="checkbox"/>
Dating techniques	<input type="checkbox"/>	Statics	<input type="checkbox"/>
Communication technology	<input type="checkbox"/>	Statistical physics	<input type="checkbox"/>
Computer technology	<input type="checkbox"/>	Surface physics	<input type="checkbox"/>
Construction technology	<input type="checkbox"/>	Thermodynamics	<input type="checkbox"/>
Graphic techniques	<input type="checkbox"/>	Electromagnetism	<input type="checkbox"/>
High vacuum technology	<input type="checkbox"/>	Optics	<input type="checkbox"/>
Space technology	<input type="checkbox"/>	Condensed matter properties	<input type="checkbox"/>
Standardization of technologies	<input type="checkbox"/>	Acoustics	<input type="checkbox"/>
Telecommunications technology	<input type="checkbox"/>	Classical mechanics	<input type="checkbox"/>
Sound technology	<input type="checkbox"/>	Computational physics	<input type="checkbox"/>
Safety technology	<input type="checkbox"/>	Chemical physics	<input type="checkbox"/>
Production technology	<input type="checkbox"/>	Biophysics	<input type="checkbox"/>
Quantum technology	<input type="checkbox"/>	Applied physics	<input type="checkbox"/>
Remote sensing	<input type="checkbox"/>		
Transport technology	<input type="checkbox"/>	Medical sciences	<input type="checkbox"/>
Vacuum technology	<input type="checkbox"/>		
Water technology	<input type="checkbox"/>	Political sciences	<input type="checkbox"/>
Knowledge technology	<input type="checkbox"/>	Science and society	<input type="checkbox"/>
Laboratory technology	<input type="checkbox"/>	Policy studies	<input type="checkbox"/>
Marine technology	<input type="checkbox"/>	Public awareness of science	<input type="checkbox"/>
Internet technology	<input type="checkbox"/>	Public policy	<input type="checkbox"/>
Interface technology	<input type="checkbox"/>		
Industrial technology	<input type="checkbox"/>	Sociology	<input type="checkbox"/>
Information technology	<input type="checkbox"/>	Sociology of enterprise	<input type="checkbox"/>
Instrumentation technology	<input type="checkbox"/>	Social shaping of technology	<input type="checkbox"/>
Materials technology	<input type="checkbox"/>		
Measurement technology	<input type="checkbox"/>		
Nanotechnology	<input type="checkbox"/>		
Nuclear technology	<input type="checkbox"/>		
Optronics	<input type="checkbox"/>		
Mining	<input type="checkbox"/>		
Military technology	<input type="checkbox"/>		
Medical technology	<input type="checkbox"/>		
Micro-technology	<input type="checkbox"/>		

