Formular de publicare a posturilor didactice în platforma *Euraxess*

v. 4 octombrie 2023

Vă mulțumim anticipat pentru completarea corectă și integrală a acestui formular. Respectarea în totalitate a indicațiilor din fiecare secțiune/rubrică ne ajută ca anunțurile să fie publicate la timp, fără a fi nevoie de reveniri, corecturi, clarificări sau modificări.

Dvs. veți înlocui textul ce în prezent are culoarea gri cu informațiile specifice poziției scoase la concurs. Textul pe care îl adăugați dvs. este obligatoriu să fie integral de culoare neagră, Arial regular de 11 puncte. Vă recomandăm (1) să nu folosiți ghilimele, doar caractere *cursive/italic* sau **aldine/bold** și (2) evitarea numerotării sau listelor automate.

Rubricile marcate cu albastru sunt obligatorii.

Conținutul furnizat de către dvs. este încărcat manual, secțiune cu secțiune (și uneori enunț cu enunț). Din acest motiv este **foarte** importantă respectarea indicațiilor de mai sus.

Pentru orice întrebări sau neclarități, vă încurajăm să ne contactați la euraxess@upb.ro.

Vă mulțumim!

HR EXCELLENCE IN RESEARCH

I. Basic information

Title	**Lector universitar**, position 26

Offer description	*The Department of Mathematical Methods and Models, provides fundamentals in mathematics to students majoring in engineering fields at the Faculty of Automatic Control and Computers, Faculty of Electronics, Telecommunications and Information Technology, Faculty of Aerospace Engineering, Faculty of Applied Sciences, Faculty of Engineering in Foreign Languages 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.*
	The department members are engaged in research activities in pure and applied mathematics. Their domains of interest can be found in the Research list posted on the department website. The department's scientific seminar brings together people from across many areas and develops active collaboration in promoting interdisciplinary research.
	
	The structure of the position is comprised of the following subjects:
	   1) Probability theory and mathematical statistics
	   2) Programming using Java and a mathematic software
	   3) Special mathematics
	   4) Statistical methods for sorting and processing information
	   5) Signal analysis and applications in information technology
	
	Description of tasks:
	Lectures in Romanian, organizes teaching activities, supervises students' research activities.
	Performes scientific research, disseminating the results in the form of publications in scientific journals.
	Applies for research projects (national and international) financed by external institutions.
	Performs organizational work for the department and faculty.
	
	APPLICATION
	Before applying, all candidates are invited to read carefully the UPB's Methodology for occupying didactic and research positions: https://posturivacante.upb.ro/wp-content/uploads/2022/09/Methodology-for-occupyng-vacant-didactic-and-research-positions-2022.pdf

Research field	Veți selecta domeniul de cercetare de mai jos, în acord cu domeniul de studiu. Este o cerință obligatorie a platformei. Mathematics Computational mathematics Discrete mathematics Applied mathematics

	Statistics Probability

Is the job funded through a EU Research Framework Programme?*
Click pentru a selecta o opțiune.
No ☒

Where to apply
floarea.dragomir@upb.ro

II.   Hiring information and work location

Department	Mathematical Methods and Models
Contact person e-mail	mircea.olteanu@upb.ro
Contact person phone number	0040742225842
Department/Centre website	http://dep2.mathem.pub.ro/
Faculty	**Științe Aplicate**
Geolocalizare	Va fi completată de către biroul Euraxess, în funcție de adresa facultății/departamentului.

III.   Requirements

Required education level	**Mathematics** Dacă domeniul de studiu nu se află în listă, vă rugăm să îl precizați aici, cu roșu: .... Vă vom contacta ulterior pentru validare. De asemenea, puteți selecta subdomenii de cercetare din Anexa. Vă rugăm să le menționați în ordinea din listă, sub forma: DOMENIU, subdomeniul 1, subdomeniul *n.* **Ph.D. or equivalent** În cazul posturilor de asistent universitar pe perioadă determinată, va fi aleasă opțiunea „master or equivalent". Această informație va fi completată de către biroul Euraxess cu mențiunea obligatorie din secțiunea IV.

Skills/Qualifications	o *computer literate – the candidate must have the knowledge and skill to operate a computer;* o *learning abilities and disposition – the candidate must be open and able to perform activities to continuously improve;* o *teaching abilities – the candidate must be able to teach courses and seminars according to the workload in the academic job description;* o *organizational skills – the candidate must be able to organize the teaching material according to the students' needs;* o *supervising abilities – the candidate must be able to supervise and guide students for scientific presentations and thesis;* o *research abilities – the candidate must be able to complete scientific research activities included in the academic career plan and to disseminate the results.*
Specific requirements	În această secțiune veți menționa doar condiții obligatorie specifică postului respectiv. Nu se vor menționa criteriile obligatorii, ce sunt deja formulate în Metodologia de concurs.
Required languages	Precizați limba de predare a programului de studiu. .... Nivelul de limbă trebuie să fie *excellent*. Limba română va fi indicată ca limbă maternă. Puteți adăuga orice altă limbă străină care este nevoie să fie stăpânită de către candidat(ă) și să selectați nivelul de limbă. 1............................ **Click pentru a selecta nivelul de limbă** 2............................ **Click pentru a selecta nivelul de limbă** 3............................ **Click pentru a selecta nivelul de limbă**
Required research experience	**Mathematics** Dacă domeniul de cercetare nu se află în listă, vă rugăm să îl precizați aici, cu negru: .... Vă vom contacta ulterior. Puteți menționa mai multe domenii din lista de mai sus, manual. Mathematics, Computational mathematics, Discrete mathematics, Applied mathematics, Statistics, Probability **1-4**

IV. Additional information

Această secțiune este opțională.

Additional comments	

Benefits	Vă rugăm să păstrați conținutul standard la nivel instituțional. All academic staff at NUSTPB enjoy several benefits, such as training and professional development opportunities, holiday leave, accommodation in NUSTPB residences, banking facilities, access to research infrastructure, and software for remote working. Puteți completa cu orice alte informații neredundante.
Eligibility criteria	În cazul tuturor posturilor de asistent universitar pe perioadă determinată, biroul Euraxess va face următoarea mențiune obligatorie: The candidate has to provide a document issued by the doctoral school (s)he has been enrolled to, certifying the PhD candidate status.
Selection process	Biroul Euraxess va completa calendarul de concurs în formă sintetică.

V.   ANEXA: Lista subdomeniilor de cercetare.

Este obligatoriu ca subdomeniile să corespundă unui domeniu de studii specific postului scos la concurs, iar acest domeniu să fie relaționat în mod explicit cu disciplinele din fișa postului.

Agricultural Sciences
Agricultural products
Agronomics
Enology
Forest sciences
Phytotechny
Soil science
Temperate agriculture
Tropical agriculture
Zootechnics

Anthropology
Communication anthropology
Cultural anthropology
Ethnology
Medical anthropology
Physical ontology
Social anthropology

Architecture
Design
Landscape architecture
Naval architecture

Arts
Arts management
Fashions study
Fine art
Handicrafts
Performing arts
Visual arts

Astronomy
Astrophysics
Cosmology

Biological Sciences
Biodiversity
Biological engineering
Biology

Botany
Laboratory animal sciences
Nutritional sciences
Zoology

Chemistry
Analytical chemistry
Biochemistry
Applied chemistry
Combinatorial chemistry
Computational chemistry
Heterogeneous catalysis
Homogeneous catalysis
Inorganic chemistry
Instrumental analysis
Instrumental techniques
Molecular chemistry
Organic chemistry
Physical chemistry
Reaction mechanism and dynamics
Solar chemistry
Structural chemistry

Communication sciences
Audio-visual communication
Business communication
Editing
Graphic communication
Journalism
Media studies
Online communication
Information Services
Public relations
Publishing
Science communication
Speech communication

Computer science
3D modelling
Autonomic computing
Computer architecture
Computer hardware
Computer systems
Cybernetics
Database management
Digital systems
Informatics
Modelling tools

Programming
System design

Administrative sciences
Agricultural economics
Applied economics
Banking
Business economics
Cadastral survey
Commercial economics
Construction economics
Consumer economics
Cyclical economics
Econometrics
Economic policy
Economic systems
Economic theory
Economics of development
Environmental economics
Financial sciences
Fishery economics
Food economics
Health economics
Home economics
Industrial economics
International economics
Knowledge economy
Labour economics
Labour market economics
Land economy
Local public economics
Microeconomics
Management studies
Marketing
Macroeconomics
Political economy
Production economics
Social economics
Tourism studies
Transport economics
Valuation
Veterinary economics

Education

Learning studies
Research methodology
Teaching methods

Engineering
Aerospace engineering
Agricultural engineering
Biomaterial engineering
Biomedical engineering
Chemical engineering
Civil engineering
Communication engineering
Computer engineering
Control engineering
Design engineering
Electrical engineering
Electronic engineering
Geological engineering
Industrial engineering
Knowledge engineering
Maritime engineering
Materials engineering
Mechanical engineering
Microengineering
Nuclear engineering
Precision engineering
Process engineering
Project engineering
Simulation engineering
Sound engineering
Surveying
Systems engineering
Thermal engineering
Water resources engineering

Environmental science
Earth science
Ecology
Global change
Natural resources management
Water science

Ethics

Geography
Cartography
Economic geography
Geopolitics
Historical geography
Human geography
Social geography

Regional geography

Geosciences
Geology
Hydrology

History
Ancient history
Archaeology
Art history
Church history
Contemporary history
Economic history
Genealogy
Heraldry
History of agriculture
History of design
History of law
History of performance
History of philosophy
History of religions
History of science
History of social sciences
Local history
Mediaeval history
Modern history
Music history
Numismatics
Palaeography
Political history
Sigillography
Social history

Information science
Archivists
Diplomatics
Documentation
Information management
Library science

Juridical sciences
Agrarian law
Canon law
Comparative law
Criminal law
Environmental law
European law
Finance law

Fiscal law
Health law
Informatic law
International law
Judicial law
Juvenile law
Labour law
Media law
Medical law
Private law
Public law
Roman law
Social law
Transportation law

Language sciences
Language
Linguistic
Philology

Literature
African literature
American literature
Asian literature
Austronesian literature
Comparative literature
European literature
Greek literature
Hamito-Semitic literature
Literary criticism
Writing

Management sciences

Technology
Biochemical technology
Energy technology
Environmental technology
Future technology
Electrical technology
Dating techniques technology
Communication technology
Computer technology
Construction technology
Graphic technology
High vacuum technology
Space technology
Standardisation of technology

Telecommunications technology
Sound technology
Safety technology
Production technology
Quantum technology
Remote sensing
Transport technology
Vacuum technology
Water technology
Pharmaceutical technology
Knowledge technology
Laboratory technology
Marine technology
Internet technology
Interface technology
Industrial technology
Information technology
Instrumentation technology
Materials technology
Measurement technology
Nuclear technology
Optronics
Medical technology
Military technology
Micro-technology

Neurosciences
Neurology
Neurophysiology
Neuropsychology
Neuroinformatics
Neurochemistry
Neurobiology

Pharmacological sciences
Clinical pharmacology
Cosmetology
Pharmacognosy
Pharmacy
Toxicology
Veterinary pharmacology

Mathematics
Combinatorial analyses
Computational mathematics
Discrete mathematics
Chaos theory
Applied mathematics
Algebra algorithms

Mathematical analysis
Statistics
Probability
Mathematical
Logic
Number theory

Philosophy
Ethics
Metaphysics
Aesthetics
Logic
Epistemology
Phenomenology
Philosophy of law
Philosophy of science
Semiotics
Systematic philosophy

Medical sciences
Cancer research
Epidemiology
Health sciences
Veterinary medicine
Medicine

Political science
Science and society
Policy studies
Public awareness of science
Public policy
Governance

Physics
Crystal grows
Quantum mechanics
Relativity
Solid-state physics
Optics
Neutral physics
Electronics
Mathematical physics
Metrology statics
Statistical physics
Surface physics
Thermodynamics
Electromagnetism
Condensate matter properties

Acoustics
Classical mechanics
Computational physics
Chemical physics
Biophysics
Applied physics