



Curriculum vitae Europass

Personal informations

Name / Surname Dima Dumitru Gabriel
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Fax
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Nationality Româna
Birth Date 27.10.1967
Sex masculin

**Desired employment /
Occupational field** Higher Education

Professional Experience

Period	1. 10.1993-10.1995	2. 10.1995-10.1997	3. 10.1997-prezent
Occupation or position held	1. assistant	2. assistant lecturer	3. lecturer
Main activities and responsibilities	Teaching courses and practical activities		
Name and address of employer	Valahia University of Târgoviște Adress: Bd. Carol I, nr. 2, 0200, Târgoviște, Dâmbovița, România Phonel. +40/0245/206101 Fax. +40/0245/217692		
Type of business or sector	Specific teaching		

Research Experience

Project name

1. Research project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region "Nuclear and related analytical Techniques for Environmental and Life Sciences"
2. PNCDI2: 72-172/1.10.2008 "Techniques for high precision and sensitivity of bio-monitoring networks used in environmental pollution by polluting factors of development areas south, southeast and central Romania - TIPSARMER"
3. CEEX Program, Participant CTR. 71/12.10.2005, "Advanced Studies on atomic interactions using accelerated ion beams and neutrons - INTAFIN"
4. CEEX Program, Participant CTR.718/24.07.2006, "Network of excellence for quality control and reduce environmental impact of pollutants in the central and southern Romania - EXMED"
5. Research project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region "Investigation of food, environment and nanomaterials by nuclear analytical techniques"
6. "PNCDI-MATNANTECH, contract no. 99/15.11.2001," "Technologies for making microelectronic detectors for monitoring radioactive contamination of natural environment (DERAM)"
7. Atomic and nuclear methods used to study the elemental composition of the environment, grant no. 5 CNCSIS code 1242, Contract no. 37053/2000
8. Research and experiments for the detection of chemicals in biomedical and environmental samples using nuclear methods. Contract no. 7037, issue no. 1/929 of the 1997 Beneficiary: Ministry of Education

Period 1.2010 2. 2008-2011 3. 2005 4. 2006-2008 5. 2009 6. 2001-2004 7. 2000-2002 8. 1997-1999
 Position 1.manager 2. member 3. member 4. member 5. member 6. member 7. member 8. member

Articles (Title, authors, journal, volume (number) beginning page - end page; year)

1. Electron spectroscopy studies of the diamond like carbonic thin films, V. Andrei, R. Cristescu, Gh. Vlaicu, E. Andrei, C. Oros, C. Stih, G. Dima, S.Dinu, Journal of Optoelectronics and Advanced Materials, vol. 9(7),2288-2290, 2007
2. Chemical binding and structure of carbonic thin films with advanced properties studied by electron spectroscopy, V. Andrei, Gh. Vlaicu, E. Andrei, C. Oros, C. Stih, G. Dima, S.Dinu, Journal of Optoelectronics and Advanced Materials, vol. 9(7),2291-2295, 2007
3. Theoretical and experimental investigations on TiO₂ surface temperatures induced by excimer laser, S.Dinu, C. Oros, G.Dima, C. Stih, Journal of Materials Science and Technology, vol. 15(1), 31-41, 2007, ISSN 0861-9786
4. Comparative study analysis on samples pressed and melted slag by X-ray fluorescence, Gh. Vlaicu, N. Pavel, F. Pirsan, C. Stih, G. Dima, REV. CHIM. (Bucuresti) vol.58 (11),1154-1155,2007,ISSN: 0034-7752;
5. The theoretical and experimental study of some metals heating and melting under the action of laser radiation, S. Dinu, C. Oros, M. Voicu, G. Dima, C. Stih, Journal of Optoelectronics and Advanced Materials Vol. 12, No. 4, April 2010, p. 933 – 936
6. Environmental samples analysis by Atomic Absorption Spectrometry (AAS) and Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES), Ion V. Popescu, Claudia Stih, Gh. Cimpoca, G. Dima, Gh. Vlaicu, A. Gheboianu, I.Bancuta, V. Ghisa, M. Belc, Rom. Journ. Phys., Vol. 54, Nos. 7–8, P. 741–746, Bucharest, 2009
7. Analytical Applications Of Particle-Induced X-Ray Emission (PIXE), I.V. Popescu, A. Ene, C. Stih, A. Bancuta, G. Dima, T. Badica, V. Ghisa, Sixth International Conference of the Balkan Physical Union, Book series, American Institute of Physics, Conference proc., vol 899, p.538-538, ISBN 978-0-7354-0404-5
8. PIXE and ICP Analysis of Ca,P and Mg in the Downer Cow Syndrome, G.Dima, L.Manea, I.V.Popescu, T.Badica, C.Stih,Romanian Journal of Physics, vol.48(1-4), 301-304,2003, ISSN 1221-146X.
9. ICP and AAS in Environmental Analysis, G.Dima, I.V.Popescu, C.Stih, V.Ciupina, A.Bancuta, G.Busuic, V.Stih, M.Belc, G.Vlaicu, Romanian Journal of Physics, vol.48(1-4), 295-299,2003
10. Fe,Mn and Zn concentrations determination from Ialomita river by atomic absorption spectroscopy, G.Dima, I.V.Popescu, C.Stih, C.Oros, S.Dinu, L.Manea, G.Vlaicu, Romanian Journal of Physics,vol. 51(5-6),633-638,2006, ISSN 1221-146X.
11. Environmental samples analysis by Atomic Absorption Spectrometry (AAS) and Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES), Ion V. Popescu, V. Ciupina, Claudia Stih, Anca Bancuta, Gabriela Busuic, G.Dima, M.Belc, Gh.Vlaicu, Romanian Journal of Physics, vol.49(3-4), 369-373, 2004, ISSN 1221-146X.;
12. PIXE(Particle Induced X-Rays Emission) Applied in Biology and Environmental, I.V.Popescu, C.Stih, G.Dima, T.Badica,Analele Universitatii Ovidius, seria Fizica, vol.2, 21-26, 2001
13. Elemental analysis of Basella Alba L leaves by Using PIXE and ICP Methods, I.V.Popescu, C.Stih, G.Dima, G.Busuic, V.Stih,Analele Universitatii Ovidius, seria Fizica, vol.2, 27-30, 2001
14. PIXE (Particle Induced X Rays Emission) applied in biology and environmental, I.V. Popescu, C. Stih,G. Dima, T.Badica, Analele Universitatii Ovidius din Constanta, vol. 2(1), 21-26, 2001,ISSN 1582-6724
15. Elemental analysis of Basella Alba L. leaves by using PIXE and ICP methods,C. Stih, G. Dima, I.V. Popescu, G. Busuic , Analele Universitatii Ovidius din Constanta, vol. 2(1), 27-30, 2001,ISSN 1582-6724
16. Rare earth doped LiNbO₃ wave guide amplifiers and lasers, S.Dinu, C.Oros, G.Dima, G.Dinu, The annals of Valahia University of Targoviste, Sciences Section, vol. 13, 27-30,2003
17. Pb,Ar and Cd influention on Cattle Metabolism, L.Manea, I.Manea, G.Dima, L.Moise,The annals of Valahia University of Targoviste, Sciences Section, vol. 13, 37-40,2003
18. Metal surface treatment with laser radiation, C.Oros, S.Dinu, G.Dima, M. Voicu, The annals of Valahia University of Targoviste, Sciences Section, vol. 13, 41-43, 2003
19. Analytical Applications of PIXE Technique, A. Ene, I.V.Popescu, T.Badica, C.Stih, A.Gheboianu, M.Gugiu, V.Ghisa, I.Bancuta, G.Dima, The Annals of the University "Dunarea de Jos" of Galati, Facsimile II, Year XXV(XXX), 7-10, 2007, ISBN 978-973-627-378-0
20. Total dissolved solid measurements of water quality, A. Ene, I.V.Popescu, C.Stih, G.Dima, V.Cimpoca, C.Oros, S.Dinu, Gh. Vlaicu The Annals of the University "Dunarea de Jos" of Galati, Facsimile II, Year XXV(XXX), 237-239, 2007, ISBN 978-973-627-378-1
21. Applications of Nuclear Analyzing Methods (PIXE, ICP) in Biology and Environmental at "Valahia" University of Targoviste, I.V.Popescu, T.Badica, G.Dima, C.Stih, M.Iordan, C.Oros,

- The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 12, 5-18, 2002, ISSN 1453-8202
22. PIXE (Particle Induced X Rays Emission) and ICP(Inductive Coupled Plasma) Measurements of Basella Alba L Leaves, I.V.Popescu, G.Dima, C.Stihi, G.Busuioac, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 12, 35-39, 2002 ISSN 1453-8202
 23. Blood Serum Enzymes Analysis by PIXE Method, I.V.Popescu, G.Dima, C.Stihi, L. Manea, V. Dima, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 12, 40-43, 2002 ISSN 1453-8202
 24. PIXE and ICP Methods Applied in Vegetal Biology, I.V.Popescu, G.Dima, C.Stihi, G. Busuioac, T. Badica, C. Oros, S. Dinu, S. Apostol, O. Bute, V. Stih, V. Cobianu, D. Stoian, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 15, 12-17, 2005 ISSN 1584-5567
 25. Applications of PIXE Method to Phosphatase Enzyme Analysis, I.V.Popescu, G.Dima, C.Stihi, L.Manea, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 15, 18-21, 2005 ISSN 1584-5567
 26. PIXE Analysis of Basella Alba and Basella Rubra L Leaves, I.V.Popescu, G.Dima, C.Stihi, G. Busuioac, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 15, 28-31, 2005 ISSN 1584-5567
 27. The use of Vegetal Bioindicators and Atomic and Nuclear Techniques for Monitoring of Heavy Metal Environmental Pollution, G.Dima, C.Stihi, S. Apostol, C. Oros, Gh. Vlaicu, S. Dinu, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 16, 19-22, 2006 ISSN 1584-5567
 28. "Photoelectric Effect" - Step in the Photochemical Conversion of Light Energy in Photostynthesis, G.Dima, C.Stihi, S. Apostol, C. Oros, S. Dinu, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 16, 23-27, 2006 ISSN 1584-5567
 29. Water Quality Analysis by Atomic Absorption Spectroscopy, G.Dima, C.Stihi, S. Apostol, C. Oros, S. Dinu, L. Manea, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 16, 39-42, 2006 ISSN 1584-5567
 30. Maxwell Equations and the Optics Properties of Materials, G.Dima, C.Stihi, S. Apostol, C. Oros, S. Dinu, Gh. Vlaicu, The Annals of "Valahia" University of Targoviste, Section Fundamental Science, vol. 16, 48-50, 2006 ISSN 1584-5567

Education and training

Period	1. 1987-1992 2. 1994-2000 3. 1998 4. 2006-2007 5. 2006,2007,2008
Qualification / diploma	1. Degree in physics 2. PhD 3. certificate analytical methods 4. certificate – informatics 5. Socrates Erasmus certificate 6. Socrates Erasmus certificate 7. Socrates Erasmus certificate
Principal subjects / occupational skills	Physics, Biophysics, Informatics Specializing in nuclear physics, trace analysis techniques
Name and type of education / training provider	1. University of Bucharest 2. University of Bucharest 3. Philips-Analytical 4. Valahia University of Targoviste 5. Occidental Bretania University, Brest, France 6. Universitatea of Camerino, Italy 7. Occidental Bretania University, Brest, France
Level in national or international	

Personal skills

Language (s) default (s) **romanian**

Languages French and English

Self evaluation
european level(*)

English
French

understanding				speech				writing	
listening		read		spoken		verbal		writing	
B1	Proficient user	B2	Proficient user	B1	Proficient user	B1	Proficient user	B1	Proficient user
C1	independent user	C2	independent user	B2	independent user	B2	independent user	B2	independent user

(*)Common European Framework of Reference for Languages

Social skills and competences	<p>good working relations with most colleagues in the department and with colleagues in related departments such as environmental engineering or electrical engineering;</p> <p>involvement in combating environmental pollution through discussions with the stakeholders of the territory and population</p>
Organisational skills and competences	<p>Experience working in research teams</p> <p>Work experience as a Faculty administrator Leader</p>
Technical skills and competences	<p>Apiculture, pomiculture</p>
Skills and computer use	<p>Office package, C++, Java, Fox, Cosmos Works, Matlab acquired through home study courses and auditing computer</p>
Artistic skills and competences	
Other skills and competences	
Driving license	<p>B</p>

Date:
31.10.2012

Signature: