



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Elisabeta Vasilescu

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Nationality

Romanian

Date of birth

01.04.1956

Gender

F

**Desired employment /
Occupational field**

**"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials
Faculty, Plastic Deformation and Thermal Treatment Department**

Work experience

Dates

17/12/1984 ... present

Occupation or position held

Professor doctor
Associate doctor
Ph D Lecturer
Assistant

Main activities and responsibilities	<p>Fundamental and applied research, national and international programs, education and research: Fundamental and applied research in the directions:</p> <ul style="list-style-type: none"> - Thermal processing, thermochemical and thermomechanical of metallic materials - The processes modelling and plastic deformation and thermal treatment optimization of technologies - Obtaining the micronic metallic powders and the porous permeable products through the powders metallurgy - The design, choosing and optimization of advanced metallic materials - The design and implementation of nonconventional technologies of thermal treatment - Surface engineering <p>Courses:</p> <ul style="list-style-type: none"> - thermal and thermochemical treatments - hot plastic processing and thermal treatments - the thermal treatment processes optimization - nonconventional thermal treatment processes - surface engineering - design, optimization and choosing the advanced metallic materials - performant and nonconventional thermal and thermochemical treatment technologies - ecological industries; "clean" process technologies - powder metallurgy (performant products obtained through powder metallurgy) - toxic and radioactive waste treatment <p>Organizing didactic and research laboratories at the disciplines: Thermal treatment and surface engineering Engineering and protection of the environment in industry Dental materials</p> <p>Academic management:</p> <ul style="list-style-type: none"> - Scientific Secretary of the Teacher's Council of the Faculty of Metallurgy and Materials Science 2000-2004 - Director of the Surface Engineering Department within the "Material and environment quality in metallurgy" research centre. - Director of the masters degree program specialization: "Performant processes for the materials and environment quality in metallurgy" - Member of the Teacher's Council of the Faculty of Metallurgy and Materials Science (1990-2004) - Member of the work committees at the faculty dean level: <ol style="list-style-type: none"> 1. Committee for scientific research and international relations 2. Committee for evaluation and quality assurance at Faculty of Metallurgy and Material Science, Engineering and environment protection in industry specialization. 3. Committee for monitoring and improving the study programmes at faculty, Material processing engineering specialization. 4. Committee for management and evaluation of quality at the Master study programme, PPCMMM. 5. Committee for admission to Master degree. 6. Committee for promoting didactic grades in pre-university and university education system. - Contracts and research programs manager, Excellence research and national and international grants, European projects for doctoral schools, PhD Expert - Baccalaureate committee chairman (1986-2009)
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Type of business or sector	University education-research
Dates	17/03/2001 ... present
Occupation or position held	Professor
Main activities and responsibilities	Didactic activity and research-project activity: elaboration and teaching university courses; leading annual projects and managing laboratory papers; leading license and dissertation papers; promoting didactic grades in pre-university education system; foundation and guidance of scientific research student meetings; contractual research activity through participation to national competitions for grant obtaining, projects and research programmes and excellence research in priority domains.
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Type of business or sector	higher education, scientific research activity, microproduction

Dates	1997-2001
Occupation or position held	Associate doctor
Main activities and responsibilities	- teaching courses; leading annual projects; leading laboratory papers and activities; leading license projects; leading dissertation papers; leading and guidance of scientific research student meetings and research-projecting activity; Leading and guiding teachers in obtaining didactic grades.
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Type of business or sector	higher education, scientific research activity, microproduction
Dates	1990-1997
Occupation or position held	Ph D Lecturer
Main activities and responsibilities	Teaching courses; leading annual projects; leading laboratory papers and activities; leading dissertation papers; leading and guidance of scientific research student meetings.
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Type of business or sector	higher education, scientific research activity, microproduction
Dates	1984-1990
Occupation or position held	Assistant
Main activities and responsibilities	leading annual projects; leading laboratory papers and activities; leading and guidance research-projecting activity; leading and guidance of scientific research student meetings
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Type of business or sector	higher education, scientific research activity, microproduction
Dates	1981-1984
Occupation or position held	Probationer engineer
Main activities and responsibilities	- Projecting technologies for obtaining steel, iron and non-ferrous alloys parts. - Projecting termical and thermochemical technologies.
Name and address of employer	Steel mill Galati, Spare parts and siderurgical repairs plant, Smardan Street, nr. 1, Galati, Romania
Type of business or sector	metallurgical industry, obtaining and processing metallurgical products

Education and training

Dates	2008
Occupation or position held	Proficiency language certificate, English language advanced level
Main activities and responsibilities	English language
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Dates	2007
Occupation or position held	Proficiency language certificate, English language medium level
Main activities and responsibilities	English language.
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Dates	1996
Occupation or position held	Internship training and documentation to develop doctor's thesis, National center for scientific research CNRS, Talence Cedex solid chemistry laboratory.
Main activities and responsibilities	
Name and address of employer	Bordeaux I University, France
Dates	1990-1996
Occupation or position held	Doctor of Technical Sciences. Doctor of Engineering degree
Main activities and responsibilities	Skills in Technical Science domain, Plastic deformations and termical treatment department
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty
Dates	09. 1976-07. 1981

Occupation or position held	Engineer Diploma																																						
Main activities and responsibilities	Physical Chemistry, Crystallography, Physical Metallurgy, Thermal and thermomechanical treatments, Siderurgical processes theory, Optimum metallurgical processes, Development of ferrous and nonferrous alloys, hot and cold metallurgical processing/competencies in metallurgy, materials science and engineering.																																						
Name and address of employer	"Dunarea de Jos" University of Galati, Romania, Metallurgical and Science Materials Faculty																																						
Personal skills and competences																																							
Mother tongue(s)	Romanian																																						
Other language(s)																																							
Self-assessment <i>European level (*)</i>																																							
Language english																																							
Language french																																							
	<table border="1"> <thead> <tr> <th colspan="3">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th>Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Independent user</td> <td>C2</td> <td>Experienced user</td> <td>B2</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>C1</td> <td>Experienced user</td> </tr> <tr> <td>C1</td> <td>Experienced user</td> <td>C2</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> <td>C1</td> <td>Experienced user</td> </tr> </tbody> </table>	Understanding			Speaking				Writing		Listening		Reading	Spoken interaction		Spoken production				B2	Independent user	C2	Experienced user	B2	Independent user	B1	Independent user	C1	Experienced user	C1	Experienced user	C2	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user
Understanding			Speaking				Writing																																
Listening		Reading	Spoken interaction		Spoken production																																		
B2	Independent user	C2	Experienced user	B2	Independent user	B1	Independent user	C1	Experienced user																														
C1	Experienced user	C2	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user																														
	<i>(*) Common European Framework of Reference for Languages</i>																																						
Social skills and competences	Adaptability, flexibility, good communication and adaptability to multicultural environments acquired through experience obtained at participations at a great number of international conferences: Switzerland, Germany, France, Portugal, Spain, Hungary, Czech Republic. Experience in teaching in higher education and pre-university education (Leading and guiding teachers in obtaining didactic grades, Baccalaureate committee chairman); teamwork acquired through contractual research and publishing.																																						
Organisational skills and competences	Academic, didactic and research management: Managerial experience resulted from the coordination of research and excellence research contracts, Baccalaureate committee coordination, competition committees coordination, License and Master study programs, Development of files for ARACIS accreditation at the faculty level and ARACIS institutional accreditation, Elaboration of the documentation needed for setting up the "Center" for the quality of materials and quality of the environment in metallurgy.																																						
Technical skills and competences	Development of new undergraduate and postgraduate courses, presentation of papers at national conferences and international congresses, and development of new laboratory facilities for teaching and research use. Technical and technical-judicial expertise in metallurgical domain. Patents in the field of powder metallurgy; Over 50 research contracts, grants, research excellence projects.																																						
Computer skills and competences	Good skills in using the computer: Microsoft Office(Microsoft word, Microsoft Excel, Microsoft Power Point), Web browsers.																																						
Other skills and competences	Member of professional associations: Romanian Society of Metallurgy (RSM); Romanian Association of plate producers ROMPLATE affiliated to the Steel producers union from Romania "UNIROMSIDER". Member of the editorial of the magazine "METALURGIA" Association of Heat Treatment and surface engineering (ATTIS) Chemical Society of Romania Member of Technical Experts Corp, Galati and member of the local Bureau of technical-judicial expertises of Galati Court. Member of the Engineering Association from Romania (AGIR)																																						
Additional information	Contact persons (References): prof.dr.eng. Traian Dumitrescu, prof.dr.eng. Mitoseriu Olga, prof.dr.eng. Maria Vlad, asistant drd.eng. Marian Neacsu, ph d lecturer drd. eng Simona Boiciuc																																						
Annexes	Annex 1 (list of published scientific papers)																																						

Anexa 1. LIST of Published Books and Scientific Papers, Development-Resachers Project/Grant, Others Papers and Scientific Contributions

1. Published books

Title	Authors	Number of Pages	Publishing	year
Procesarea termica si termomecanica a produselor metalurgice (monografie)	E.Vasilescu, A. Doniga, I.Vasilescu, M. Neacsu	250	Editura „Fundatiei Universitare „Dunarea de Jos” Galati, acreditată CNCSIS	2008, ISBN 978-973-627-432-9
Bazele teoretice ale tratamentelor termomecanice.	E. Vasilescu, A. Doniga, A. Udvuleanu	200	Editura didactica si pedagogica, Bucuresti, acreditata CNCSIS	2004, ISBN 973-30-2802-9
Transferul de masa la procesarea materialelor metalice	A. Ivanescu, E. Vasilescu, N. Cananau, L.Ivanescu	412	Editura Didactica si Pedagogica, Bucuresti, acreditata CNCSIS	2004, ISBN 973-30-2550-X
Ingineria suprafetei	S. Levcovivi, E. Vasilescu, L. Gheorghies	400	Editura Didactica si Pedagogica, Bucuresti, Acreditata CNCSIS	2004, ISBN 974-30-2969-6
Straturi cementate-Fenomene si procese de baza. Structura. Proprietati.	E. Vasilescu	170	Editura Didactica si Pedagogica, Bucuresti, acreditata CNCSIS	2000, ISBN 973-30-2518-6
Tratamente termice si termochimice, vol.1	E. Vasilescu I. Vasilescu	240	Editura Evrika, Braila, acreditata CNCSIS	1999, ISBN 973-9499-82-1
Aplicatii si exemple de calcul la tratamentele termice si termochimice (indrumar de laborator)	E. Vasilescu	170	Universitatea Dunarea de jos din Galati	1995
Deformari plastice si tratamente termice (indrumar de laborator)	E. Vasilescu, A. Doniga, D. Tanase	174	Universitatea Dunarea de jos din Galati	1994
English-Romanian Dictionary for Mechanical and Metallurgical Engineering L-X, vol II	L. Tomescu, E. Vasilescu, G. Dima	665	Editura stiintifica Fundatia Metalurgia Romana (F.M.R) Bucuresti, acreditata CNCSIS	2000, ISBN 973-8151-00-7
English-Romanian Dictionary for Mechanical and Metallurgical Engineering A-K, vol I	L. Tomescu, E. Vasilescu, G. Dima	575	Editura stiintifica F.M.R Bucuresti, acreditata CNCSIS, acreditata CNCSIS	2000, ISBN 973-99126-9-9
Tratarea valorificarea depozitarea si eliminarea deșeurilor toxice și radioactive (indrumar de laborator)	E.Vasilescu C.Papadatu, L. Gheorghies	140	Editura „Fundatiei Universitare „Dunarea de Jos” Galati, acreditată CNCSIS	2006, ISBN 978-973-627-319-3 ISBN 973-627-319-9
Tratarea depozitarea și valorificarea deșeurilor toxice și radioactive	E.Vasilescu,	220	Ed.Fundatiei Universitare „Dunarea de Jos” Galati, acreditată CNCSIS	2007, ISBN 978-973-627-397-1

2. Citation AD-ASTRA White Books of Reserches from Romania (Articles indexed ISI:-2002-2006)

3 Published Papers

Published Papers in journal ISI with reviewers and international collective

Title	Authors	Title, year, no. page

Researches Regarding the Influence of Controlled Rolling on the Structure and Properties of the Shipbuilding Plates Steel.	I.Vasilescu, E.Vasilescu, A. Doniga	Metalurgia International nr.2/2009, ISSN 1582-2214, pag. 26
Influence of the thermomechanical treatments on the properties of steel plates for welded constructions.	E. Vasilescu, A. Doniga, V.O. Rindasu	Metalurgia International nr.3 special/2009, ISSN 1582-2214, pag.
Marsh Gas Economy Achivement at the Heat Treatment Furnaces by the Replacement with Blast Furnace Gas.	L. Ivănescu, A. Ivănescu, A. Ene, E. Vasilescu, A. Doniga	Acta Mechanica Slovaca, Kosice 4-D/2007, ISSN 1335-23-93, pag. 543-550.
Energy Saving at the Electric Arc Furnaces by Using the Released Heat From Exothermal Reactions	L. Ivănescu, A. Ivănescu, A. Ene, E. Vasilescu, A. Doniga	Acta Mechanica Slovaca, Kosice 4-D/2007, ISSN 1335-23-93, pag. 551-555.
Researches Regarding the 100% Burning of Furnace Gas with Oxygen Enriched Air the Preheaters of Furnaces.	L. Ivănescu, A. Ivănescu, E. Vasilescu, A. Doniga	Acta Mechanica Slovaca, Kosice ,2006, ISSN 1335-23-93

Published Papers in journal indexed in BDI

Title	Authors	title, year, no. page
Researches Regarding the Elements Loss through the Vaporization in Elaboration Process in LD Converter	A. Ivanescu, A. Doniga, E. Vasilescu, L. Ivanescu	Metalurgia nr.6/2009, ISSN 0461-9579, pag. 23-30 , revista acreditata CNCISIS, inclusa in baza de date EBSCO, site-ul:www.ebscohost.com la rubrica "Computers and Applied Sciences Complete",poz.1026
Modelling of the Steel Kinetic Deoxidation with Manganese and Aluminium	A. Ivanescu, A. Doniga, E. Vasilescu, L. Ivanescu	Metalurgia nr.6/2009, ISSN 0461-9579, pag. 30-33 , revista acreditata CNCISIS, inclusa in baza de date EBSCO, site-ul:www.ebscohost.com la rubrica "Computers and Applied Sciences Complete",poz.1026
Researches Regarding the Influence of Controlled Rolling on the Structure and Properties of the Shipbuilding Plates Steel	I. Vasilescu, E. Vasilescu	Metalurgia nr.4/2009, Metalurgia nr.2/2009, ISSN 0461-9579, pag. 20-24 si pag. 24-28, revista acreditata CNCISIS, inclusa in baza de date EBSCO, site-ul:www.ebscohost.com la rubrica "Computers and Applied Sciences Complete",poz.1026
Researches regarding the thermomechanical treatments influence on the structure and characteristics of the aluminium alloys for aeronautics.	E.Vasilescu, A.Doniga	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.2, 2005, pag.91-96
Reseaches regarding the improvement of the fatigue limit by heat treatments of the Al – Alloys for aeronautics industry	E.Vasilescu A.Doniga	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.2, 2005, pag.72-76
Thermomechanical Processing of Microalloyed Steels Used for Naval and Oil Industry.	Doniga E. Vasilescu	The Annals of “Dunărea de Jos”University of Galați Fascicle IX, Faculty of Metallurgy and Materials Science, year XXIII(XXVIII), no.1, ISSN1453-083X, pag. 75-80, 2005.
Surface Tension of Liquid Cooper in Dilute Oxygen Concentrations	M.Vlad, E.Vasilescu	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.1, 2006, pag. 67-71
The Laboratory Experiments regarding the Intercritical Heat Treatments Applied on the Low-Alloyed Steel,	E. Vasilescu, M. Neacșu :	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.1, 2006, pag. 106-112

Study of the inclusions from the oriented grains silicon steels and their influence on the texture.	Doniga Ana, Vasilescu E	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X, vol.2, 2006, P.63-69
Researches Concerning the Influence of Heat Treatment on Physical and Mechanical Properties of Aluminium Based Alloys	E.Vasilescu, M.Neacsu,A. Doniga	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X, vol.2, 2006, pag. 58-63
Study of the Thermomechanical Treatment Postdeformation Maintaining Time Influence on the Mechanical Characteristics of the Microalloyed Steels.	E. Vasilescu, M. Neacșu, A. Doniga	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.1, 2007, pag.9
Study of the Heat Treatment Influence on Alluminium Based Alloy ATN-Si10Cu4	E. Vasilescu, S. Boiciuc	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.2, 2007, pag.75
Sources of pollution in siderurgy and techniques.	E. Vasilescu, A. Doniga M. Neacșu,	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.2, 2007, pag.102
Magnetical Properties of Silicon Steels Used for Electrotechnical Industries.	A. Doniga, E.Vasilescu, M.Istrate	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.1, 2008, pag.60
Mathematical Model of the LD Steel Deoxidation Kinetics with Manganese and Aluminium.	L.Ivanescu, A.Ivanescu, E. Vasilescu	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.1, 2008, pag.108
Vaporisation of the Metallic Bath Component During Refining in Oxygen Converter.	L.Ivanescu, A.Ivanescu, E. Vasilescu	Analele Universitatii „Dunarea de Jos” din Galati, Fascicula IX Metalurgie si Stiinta Materialelor, ISSN 1453-083X nr.2, 2008, pag.113
Intercritical thermomechanical treatments of the rolling flat steel products for welded pipelines.	E. Vasilescu	Buletinul Universitatii Transilvania din Brasov, vol.,pag., 2009

Published papers in extenso in International Scientific Conferences Proceeding with publisher ISBN and International Publishing ,including recorded BDI or abstract volumes

Title	Authors	Proceeding of the Conference	Year, page	Publishing	Publisher	ISBN
The researches of the cooling technology influence on the hot rolled strips characteristics after rolling	A.Doniga, E.Vasilescu	METAL, 14th International Metallurgical and materials Conference, , Ostrava, Czech Republic,	2005, pag.49	Tanger, spol.sr.o., Ostrava		ISBN 80-86840-13-1
Researches regarding the 100% burning of furnace gas with oxygen enriched air at the pre-heaters of furnaces. Lumacaf	A.Doniga, E.Vasilescu, A.Ivanescu, L.Ivanescu	International Scientific Conference Refractories, Furnaces and thermal inductions	2006, LUMACAF pag.100/108(volum cu lucrari in extenso)	Kosice, Slovakia.,	Prezentare in limba engleză	ISBN 80-8073-511-5

Thermal and Thermomechanical Processing of the Aluminium Alloys for Automotive	E.Vasilescu	European Congress on Advanced Materials and Process EUROMAT 2007	2007, 45 (volum de rezumate)	Nurnberg, Germany	Prezentare in limba engleză	FEMS
Study on the influence of Micronics Ni Metallic Powders Particles Shapes on the Sintering Process in the Obtaining High Porous Permeable Materials	E.Vasilescu	European Congress on Advanced Materials and Process EUROMAT 2007	2007, pag.66 (volum de rezumate)	Nurnberg, Germania	Prezentare in limba engleză	FEMS
Marsh Gas Economy Achivement at the Heat Treatment Furnaces by the Replacement with Blast Furnace Gas.	L. Ivănescu, A. Ivănescu, A. Ene, E. Vasilescu, A. Doniga	International Scientific Conference Slovaca, Kosice	2007, pag.543-550	Acta Mechanica Slovaca, Kosice	Prezentare in limba engleză	ISSN 1335-2393
Energy Saving at the Electric Arc Furnaces by Using the Released Heat From Exothermal Reactions	L. Ivănescu, A. Ivănescu, A. Ene, E. Vasilescu, A. Doniga	International Scientific Conference Slovaca, Kosice	2007, pag 551-555	Acta Mechanica Slovaca, Kosice	Prezentare in limba engleză	ISSN 1335-23-93
Thermomechanical Processing of the Rolling Flat Steel Products	E.Vasilescu	3-thInternational Conference on ThermomechanicalProcessing of Steels, 10-12 september,2008,Padua, Italy	2008, pag.137	Associazione Italiana Di Metallurgia, I-20121, Milano	Associazione Italiana Di Metallurgia, I-20121, Milano	ISBN 88-85298-66-4
Researches Regarding the Influence of the Annealing on the Cold Rolling Steel Strips Intended for the Automotive Industry	E.Vasilescu	3-thInternational Conference on ThermomechanicalProcessing of Steels, 10-12 september,2008,Padua, Italy	2008, Pag.138	Associazione Italiana Di Metallurgia, I-20121, Milano	Associazione Italiana Di Metallurgia, I-20121, Milano	ISBN 88-85298-66-4
Some Aspects Regarding the Influence of Non-Conventional Treatments on the Superficial Nitro-Carburized Characteristics	C. Papadatu, E.Vasilescu	METAL, 18th International Conference on Metallurgy and Materials, Ostrava, Czech Republic	2009, pag.	Tanger, spol.sr.o., Ostrava		ISBN 80-86840-13-1
Researches of the Microalloyed Steel Purity Influence on the Heavy Plates Structure and Mechanical Characteristics.	A Ivanescu, A.Doniga, L. Ivanescu, E.Vasilescu, S.Istrate	METAL, 18th International Conference on Metallurgy and Materials, Ostrava, Czech Republic	2009, pag.	Tanger, spol.sr.o., Ostrava		ISBN 80-86840-13-1

Papers present at the international Conferences carried out in România

Title	Authors		Year, page	Publishing	ISBN
Cercetari privind posibilitatea aplicarii tratamentelor termomecanice la fabricarea tablelor groase pentru industria navala.	E. Vasilescu, A. Doniga, M. Istrate	Conferinta stiintifica „TEHNOMUS”, editia a XIII-a, Universitatea „Stefan cel Mare, Suceava.	2005 P.368/375	Editura Universitatii Suceava	ISBN 973-666-154-7

Researches regarding thermomechanical treatments influence on the structure and characteristics of the aluminium alloys for aeronautics.	E.Vasilescu; A.Doniga	Conferinta stiintifica UGALMAT 2005, „Tehnologii si materiale avansate”. Galati, Editura Fundatiei Universitare „Dunarea de Jos Galati,	2005 P.193/199	Editura Fundatiei Universitare Galati	ISBN 973-627-238-9
Researches regarding improvement of the fatigue limit by heat treatments of the Al-Alloys for aeronautics industry.	A.Doniga; E.Vasilescu	Conferinta stiintifica UGALMAT 2005, „Tehnologii si materiale avansate. Galati, Editura Fundatiei Universitare „Dunarea de Jos Galati,.	2005 pag.211/221	Editura Fundatiei Universitare Galati	ISBN 973-627-238-9
Cercetari privind aplicarea tratamentelor termice intercritice produselor din oteluri slab aliate	E. Vasilescu. A. Doniga, M. Istrate	Conferinta stiintifica „TEHNOMUS”, editia a XIII-a, , Universitatea „Stefan cel Mare, Suceava.	2005 pag.374/382	Editura Universitatii Suceava	ISBN 973-666-154-7
Nonconventional thermal processing of the rolling flat steel products.	E.Vasilescu, I.Vasilescu,	06 TQSD Proceedings of the 7th International Conference on Technology and Quality for Sustained Development .University Politehnica of Bucharest and Politehnico dy Milano, Italy and De Montfort University, United Kingdom Materials Technology and Welding Department Academy of Techn Sciences of Romania	2006 Pag.310/-319	Academy of Technical Sciences of România. Editura Agir Publishing House,București.	ISBN: 973-720-035-7
Pollution control by monitoring the hazardous waste and substances in the naval industry. 06 TQSD Proceedings of the 7 th International Conference on Technology and Quality for Sustained Development	E.Vasilescu, M.Vlad	06 TQSD Proceedings of the 7th International Conference on Technology and Quality for Sustained Development University Politehnica of Bucharest and Politehnico dy Milano, Italy and De Montfort University Politehnica of Bucharest Materials Technology and Welding Department. Academy of Technical Sciences of Romania.,	2006 Pag.625/630	Academy of Technical Sciences of România.	ISBN: 973-720-035-7

The Laboratory Experiments Regarding the Intercritical Thermal Treatments Applied on the Low-alloyed Steel	E.Vasilescu, M.Neacsu	ARTCAST 2006, editia a III-a Simpozion international » Turnatoria de la rigoarea tehnicii la arta », Galati	2006., Pag.275/-279	Editura Academica Galati	ISBN 978-973-8937-00-0
Tehnici de prelucrare artistica a metalelor pe teritoriul tarii noastre.	A.Doniga, E.Vasilescu	Artcast 2006, editia a III-a Simpozion international Turnatoria de la rigoarea tehnicii la arta, Galati	2006, Pag.109/115	Editura Academica Galati	ISBN 978-973-8937-00- 0
Study of the Heat Treatment Influence on Aluminium Based Alloy ATN-Si10Cu4	E. Vasilescu, S. Boiciuc	Tehnologii și materiale avansate UGALMAT	2007, Pag.281-287	Editura Galati University Press	ISSN 1843-5807
Study of the Thermomechanical Treatment Postdeformation Maintaining Time Influence on the Mechanical Characteristics of the Microalloyed Steels.	E. Vasilescu, M. Neașu, A. Doniga	Tehnologii și materiale avansate UGALMAT	2007, Pag.276-280	Editura Galati University Press	ISSN 1843-5807
Cercetări privind alegerea unui aliaj de aluminiu pentru industria minieră	M. Neașu, A. Chiriac, E. Vasilescu	Tehnologii și materiale avansate UGALMAT	2007, Pag. 91-96	Editura Galati University Press	ISSN 1843-5807
Sources of Pollution in Siderurgy and Techniques for Reducing Noxious Emissions	E. Vasilescu, A. Doniga, M. Neașu	Tehnologii și materiale avansate UGALMAT	2007, Pag.561-565	Editura Galati University Press	ISSN 1843-5807
The Coin Along History	A.Doniga E. Vasilescu, Ghe. Croitoru, M. Neașu	4th International Conference Casting,from Rigor of Technique to Art ARTCAST'2008, Galati, Romania	2008, Pag.10	Editura Europlus Galati, Issues no.100	ISBN 978-973-7845-94-8
History of Cannon Manufacture Technology and Art	Ghe. Croitoru, A.Doniga E. Vasilescu, M. Neașu	4th International Conference Casting,from Rigor of Technique to Art ARTCAST'2008, Galati, Romania	2008, Pag.79	Editura Europlus Galati, Issues no.100	ISBN 978-973-7845-94-8
Modern Production Technologies of Steel Processing	E. Vasilescu, M. Neașu, I. Vasilescu	08 TQSD Proceedings of the 8th International Conference on Technology and Quality for Sustained. University Politehnica of Bucharest, Materials Technology and Welding Departement in cooperation with De Montfort University ,United Kingdom, University of Rennes France, Malta University Malta, TEI Athenes Greece.	2008, Pag.259	Editura AGIR, București	ISSN: 1844-9158

Thermomechanical Treatments Applied to the Steel heavy Plates.	E. Vasilescu.	The 15th International Conference "TEHNOMUS" XV, New Technologies and Products in Machine Manufacturing Technologies, Suceava, Roamnia.	2009 pag.69	Editura Universitatii Suceava	ISBN 973-666-154-7
The Influence of the Thermal and Thermomechanical Treatments Applied to the Aluminium Based Alloys.	E. Vasilescu, M. Neacsu.	The 15th International Conference "TEHNOMUS" XV, New Technologies and Products in Machine Manufacturing Technologies, Suceava, Roamnia.	2009 pag.86	Editura Universitatii Suceava	ISBN 973-666-154-7
Cercetari privind influenta pricipalilor parametri tehnologici de laminare si tratament asupra strcuturii si proprietatilor otelurilor microaliate.	E. Vasilescu, A. Doniga, M. Istrate	Simpozion stiintific "Progresul tehnologic-Rezultat al cecetarii", Asociatia generala a inginerilor din Romania, Bucuresti, 10-11 aprilie, 2009.	2009 pag.	Editura AGIR, acreditata CNCSIS	
Tehnologii moderne de fabricatie a otelurilor microaliate.	A. Doniga, E. Vasilescu, M. Istrate	Simpozion stiintific "Progresul tehnologic-Rezultat al cecetarii", Asociatia generala a inginerilor din Romania, Bucuresti, 10-11 aprilie, 2009.	2009 pag.	Editura AGIR, acreditata CNCSIS	

4. International /National Researches Projects in the last three years.

Grants/researches projects by national competition (in the last three years)

Title of grant /project	Identify Date	Projct Manager	Duration	Position within the Project	Project Value
Cresterea calitatii in formarea cercetatorilor pe baza de programe doctorale imbunatatite prin parteneriat (PhD EXPERT).	Grant POSDRU/21/1.5/G/19524/2009, Domeniu major de interventie 1.5 „Programe doctorale si postdoctorale in sprijinul cercetarii”	Maria Vlad	2009-2013	Colaborator	1.500.000 Ron
Xenobiotic in the Urban Water Cycle, proiect european	ESF-COST 636/2005-2009	Maria Vlad	2005-2009	Colaborator	
Proiectul CEEEX nr.147/2006, contract nr.5324/2006 – "Solutii de procesare si utilizare a deseurilor feroase ultrafine din industria otelului prin dezvoltarea de nano	AMCSIT, M.E.C.T	Vasilescu Elisabeta	2006 - 2008	Coordonator (Responsabil de proiect)	50.000 RON

si microprocese de contact, urmarind incadrarea in criteriile de dezvoltare durabila".					
Program de instruire și conștientizare a cetățenilor privind problemele de protecție a mediului din municipiul Galați. Proiect de mediu al administrației fondului pentru mediu MMGA	MMGA	Munteanu Viorel; Vlad Maria	2006-2007	colaborator	
Program CALIST(proiect PNCDI, contract nr.5135/2004) Procedura pentru identificarea si determinarea rapida a unor metale grele din apa.	MECT	Mitoșeriu Olga	2004-2006	colaborator	24.000 Ron
Proiectul CEEX nr. 05-D11-84/2005,Subcontract nr.443-2005, Act adițional nr.3/2007. Studii privind evoluția frontului de solidificare utilizând modelul tranziției de fază. Eficientizarea proceselor de turnare continuă a oțelurilor	CNCSIS	Crudu Ion	2007-2008	colaborator	--
Proiectul CEEX nr. 322/2006.Cercetări fundamentale și aplicative privind realizarea electrozilor poroși de tip CuNiAl pentru recondiționarea elicelor navale	MECT	Constantin Emil	2006-2008	colaborator	-
Proiect IMPACT, Contract nr. 347/2007, Modernizare laborator tratare ape și soluri poluante din Centrul de cercetare "Calitatea materialelor și a mediului "	MECT	Vlad Maria	2007	colaborator	-
Proiect PNII, Program 4 Parteneriate în domeniul prioritare,2008, Contract nr.72174,Dezvoltarea unor metode și tehnici inovative de îmbinare a materialelor eterogene prin sudare prin frecare cu element activ rotitor	CNMP	Scutelnicu Elena	2008-2011	colaborator	-
Proiect INOVARE-2		Preda Adriana.	2007-2010	colaborator	2600 Ron/2008 (666 Eur)

Researches contracts with socio-economic medium (last three years)

Title	Identify Date	Project Manager	Duration	Position within the Project	Project Value
Contract nr.579/2010 Studiul si caracterizarea materialelor metalice avansate utilizate in medicina	S.C.Myosotis S.A.	Vasilescu Elisabeta	2010-2011		20000 Ron

Contract nr. 341/2007, Cercetări privind cauzele exploziilor din cazanele recuperatoare de la OLD.1 și OLD3.	S:C:Mittal Steel S.C.Galați	Ivănescu Alexandru	2005-2007	colaborator	10000 RON
Contract nr.524/2008, Cercetari privind eficientizarea tehnologiilor de tratament termic	S.C. Menarom S.A.Galați	Ivănescu Alexandru	2008	colaborator	10000Ron/2008