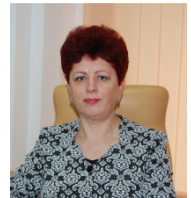




Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) SCUTELNICU ELENA
Address(es) 31 Traian Str., 800049 – Galati, Romania
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Fax(es) (+40) 236 314 463
E-mail elena.scutelnicu@ugal.ro
Nationality Romanian
Date of birth 16.12.1961
Gender Female

Occupational field

Prof. dr. eng.

Managerial experience

Dates 2000 onwards
Occupation or position held

- Vice-Dean of Faculty of Engineering (2014-2016)
- Vice-Dean of Faculty of Mechanical Engineering (2009-2014)
- Responsible of Quality Management in Faculty of Mechanical Engineering (2010-2012)
- Head/Vice-head of Robotics and Welding Department (2007-2009)/(2000-2007)
- Coordinator of *Industrial Engineering* Doctoral program and member of the Engineering Doctoral School Council of "Dunarea de Jos" University of Galati (2013 Onwards)
- Head of Research Department of the Centre for Advanced Researches in Welding – SUDAV (2006-present)
- Editor-in-chief of *Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology*, ISSN 1221-4639, indexed by IDB (2007 Onwards)

Name and address of employer "Dunarea de Jos" University of Galati, 47 Domneasca Str., 800008 – Galati, Romania, www.ugal.ro
Type of business or sector Academic & editorial management in higher education

Work experience

Dates 1990 onwards: Employee of "Dunarea de Jos" University of Galati
Occupation or position held

- 2007 onwards: Professor PhD. eng., Faculty of Mechanical Engineering/Faculty of Engineering
- 2004 - 2007: Assoc. Professor PhD. eng., Faculty of Mechanical Engineering;
- 1994 - 2004: Assist. Prof., Faculty of Mechanical Engineering;
- 1990 - 1994: Debuting Assistant, Faculty of Mechanical Engineering.

Main activities and responsibilities

- PhD Supervisor in *Industrial Engineering* field
- Teaching and research activities
- Member of the Senate of "Dunarea de Jos" University of Galati (2007-2012)
- Member of the Council of Mechanical Engineering Faculty/Faculty of Engineering (2004-onwards)
- Member of the University Scientific Council (2008-2012)
- Member in the Scientific Research & International Relations Commission of the University (2007-2012)

Name and address of employer "Dunarea de Jos" University of Galati, 47 Domneasca Str., 800008 – Galati, Romania, www.ugal.ro
Type of business or sector Higher Education

Dates	June 2008, June 2009, June 2010
Occupation or position held	Visiting Professor
Main activities and responsibilities	Teaching and learning institutional agreement, lectures on <i>Special Welding Processes for Advanced Materials, Trends in Advanced Welding, Modelling and Simulation of Welding Processes</i>
Name and address of employer	Centro Láser-Universidad Politécnica de Madrid, Ctra.de Valencia, km. 7,300, Campus Sur U.P.M., (Edificio "La Arboleda"), 28031 Madrid, http://www.upmlaser.upm.es
Type of business or sector	Higher Education
Dates	May - July 2004
Occupation or position held	Visiting Professor
Main activities and responsibilities	Teaching and learning institutional agreement, <i>Modeling and Simulation of Industrial Processes</i>
Name and address of employer	Universite de Rouen, L'Institute de Technologie Universitaire de Rouen; Rue Lavoisier – 76821 Mont Saint Aignan, France www.univ-rouen.fr
Type of business or sector	Higher Education
Dates	September 1989 – November 1990
Occupation or position held	Engineer
Main activities and responsibilities	Technologies design, Teaching activities
Name and address of employer	Construction Company, Galati, Romania
Type of business or sector	Industry
Dates	September 1985 – September 1989
Occupation or position held	Responsible engineer for the Numerically Controlled Machine Tools
Main activities and responsibilities	Export and production activities, Welding technologies design, Teaching activities
Name and address of employer	Machine Tools Company, Bacau, Romania
Type of business or sector	Industry

Education and training

Dates	March – May 2008
Title of qualification awarded	Post-university studies diploma: Quality Management in Open Learning
Principal subjects/occupational skills covered	Open Learning Applied Informatics, Quality Management in Open Learning, Tutorial Procedures in Education, Didactics Materials Development in Open Learning, Distance Learning Administration and Organising.
Name and type of organisation providing education and training	“Dunarea de Jos” University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Post-graduate
Dates	2002-2003
Title of qualification awarded	Post-university studies diploma: Distance Learning Didactics
Principal subjects/occupational skills covered	Distance Learning Applied Informatics, Didactics Materials Development, Distance Learning Organising, Training Systems using the Computer, Tutorial in Education
Name and type of organisation providing education and training	“Dunarea de Jos” University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Post-graduate
Dates	November 2003
Title of qualification awarded	Post-university studies diploma: SMEs development stimulation – Trainer
Principal subjects/occupational skills covered	Projects Management, Communication and Vocational Guidance, Businesses Development
Name and type of organisation providing education and training	“Dunarea de Jos” University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT

Level in national or international classification	Post-graduate
Dates	October 2003
Title of qualification awarded	Training course: Communication and Public Relations
Principal subjects/occupational skills covered	Communication, Inter-institutions Communication, Crises Communication, Public Relations, Ceremony and Protocol
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Training
Dates	October 2003
Title of qualification awarded	Training course: Human Resources Management
Principal subjects/occupational skills covered	Theories on Management, Managerial Styles and Roles, Team Development, Conflicts, Management of Change
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Training
Dates	October 2003
Title of qualification awarded	Training course: European Integration and Community Relations
Principal subjects/occupational skills covered	Romania Accession to the European Union, European Union: Presentation , European Accession Process, Costs and Benefits of Accession to EU
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Training
Dates	October 2003
Title of qualification awarded	Training course: Project development and management
Principal subjects/occupational skills covered	Financial Sources, Projects Development, Projects Management
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca St., 800008-Galați, Romania Centre for Continuing Education and Technological Transfer – CFCTT
Level in national or international classification	Training
Dates	1995-2003
Title of qualification awarded	PhD. Eng., CUM LAUDE
Principal subjects/occupational skills covered	Industrial Engineering PhD Thesis: <i>Theoretical and Experimental Research on the Thermal Processes in Dissimilar Metals Welding</i> (Analytical modelling and FEA of dissimilar metals welding, Experiments by termography method, Macro and microstructures of dissimilar metals welded joints etc).
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca Str., 800008 – Galati, Romania
Level in national or international classification	Doctor (PhD), Industrial Engineering
Dates	1980-1985
Title of qualification awarded	Diploma of Mechanical Engineer, Welding Technology and Equipment specialization
Principal subjects/occupational skills covered	Mechanical engineering fundamental courses: mathematics, physics, informatics, material sciences, Specific Welding Technology and Equipment specialization courses as Welding Processes, Welding Metallurgy, Welding Technologies and Equipment Desing, Welded Structures Design etc.
Name and type of organisation providing education and training	"Dunarea de Jos" University of Galati, 47 Domneasca St., 800008-Galați, Romania Faculty of Mechanical Engineering

Level in national or international classification	Higher Education Graduate, Engineer
International documentary stages/ other training programmes	<ul style="list-style-type: none"> ✓ June-July 2015: <i>Development of study programmes and learning oportunities for students</i>, course organized in the framework of the project POSDRU/156/1.2/G/133630, "Stefan cel Mare" University of Suceava, Romania ✓ March – 2012: <i>Quality Management in Higher Education, Managementul Calității în Învățământul Superior</i>, course organized in the framework of the project POSDRU/86/1.2/S/61959, "Alexandru Ioan Cuza" University from Iasi, Romania ✓ February – 2012: Training stage in Advanced Materials Processing, Universidad Politecnica de Madrid – Centro Laser, Spain ✓ October – 2010: Training stage in Laser Welding Processes, Universidad Politecnica de Madrid – Centro Laser, Spain ✓ November - 2006: Documentary stage in the special welding processes field - Instituto Tecnico Superior Lisbon IST, PORTUGAL and Universidad Politecnica de Madrid – Centro Laser, Spain ✓ February - March 2005: <i>Training of Trainers in Career Guidance and Counselling</i>, course organized by CICOP, "Dunarea de Jos" University of Galati, Romania ✓ April – 2003: Documentary stage in the field of Total Quality Management, Instituto Tecnico Superior Lisbon - IST, Portugal ✓ November – 2000: Documentary stage in the underwater technologies field, ODL and TQM, Instituto Tecnico Superior Lisbon - IST, Portugal

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user

Research fields

- Development of welding processes and advanced technologies
- Fundamental and applicative research in fusion welding field: modelling & simulation, behaviour of similar and dissimilar materials subjected to monoarc/multiarc/multiwire welding
- Fundamental and applicative research in special welding process field (Friction Stir Welding/Processing FSW/FSP)

Social skills and competences

- Work experience in different countries, with different nationality people
- Experience in teaching by classical and ICT methods
- Participation to the international meetings and conferences in Switzerland, Denmark, Austria, Croatia, France, Germany, Israel, Italy, Spain, Portugal, Russia, Turkey, Republic Czech, Hungary
- Participation in national/ international research and other European projects: PN II, CEEX, CNCSIS, FP5, TEMPUS, PHARE, Leonardo da Vinci, Erasmus, Erasmus+

Organisational skills and competences

- Experience in academic management in the framework of Doctoral School of Engineering, Faculty of - Mechanical Engineering/Faculty of Engineering and Department of Robotics and Welding
- Experience in international and national projects management
- Experience in organising of international and national conferences, international seminars and workshops

Technical skills and competences

- Teaching using multimedia tools
- Other practical skills in fields such as: computers, mechanical equipment, thermal processes, materials science, mechatronics, robotics, simulation of welding process etc.

Computer skills and competences

- MSWindows & MSOffice, Multimedia, Internet.
- Analiza cu element finit – COSMOS, COREL Draw & Photopaint; Adobe Photoshop

Other skills and competences	<p>Relevant experience in the following expertise fields:</p> <ul style="list-style-type: none"> - Trainer of trainers in vocational education and training area - Human Resources Development (HRD); Communication and Public Relations - Open Distance Learning; Multimedia teaching tools and methods - Total Quality Management, Academic Management, Projects management
Driving licence	Category B vehicle
Additional information	<p>Research evaluation & scientific reviewing:</p> <ul style="list-style-type: none"> - Expert evaluator at European Commission for HORIZON 2020 (Research and Innovation) Programme - Expert evaluator at European Commission for the <i>Research Fund for Coal and Steel</i> (RFCS) Programme - Expert/Delegate at International Institute of Welding – IIW - Member of the <i>Industrial Engineering and Management Commission</i> from <i>National Council for Attestation of Titles, Diplomas and Certificates in Higher Education</i> (CNATDCU) (2016 onwards) - Member of the <i>Industrial Engineering and Management Commission of Appeals Examination</i> from <i>National Council for Attestation of Titles, Diplomas and Certificates in Higher Education</i> (CNATDCU) (2012-2016) - Evaluator for PN II and PN III Programmes – UEFISCDI Romania - Evaluator in the Romanian Agency for Quality Assurance in Higher Education (ARACIS) – Industrial Engineering Commission (2006 onwards) - Evaluator of PhD thesis in Industrial Engineering field - Editor-in-chief of the journal <i>Annals of Dunarea de Jos University of Galati, Fascicle XII, Welding Equipment and Technology</i>, ISSN 1221-4639, indexing by Elsevier-SCOPUS, ProQuest (Engineering Collection, Materials Science Collection), EBSCO etc. - Member of the editorial board of the <i>International Journal of Advanced Computer Science and Applications (IJACSA)</i>, <i>Journal of Mechanics Engineering and Automation (JMEA)</i>, <i>Athens Journal of Technology & Engineering (AJTE)</i>, <i>SUDURA</i> - Reviewer for scientific journals covered by ISI Thomson Reuters - Web of Science (<i>International Journal of Advanced Manufacturing Technology, Materials and Manufacturing Processes, Journal of Manufacturing Processes, Materials and Design, Journal of Alloys and Compounds, Optics & Laser Technology, Optics and Lasers in Engineering</i>) - Evaluator for international & national conferences proceedings in the fields of Welding Processes and Advanced Technologies, Industrial Engineering, Mechanical Engineering, Materials Science etc. <p>Chairman/member of scientific and organising committees:</p> <ul style="list-style-type: none"> - Chairman/member of scientific committees: 45 international (indexed ISI/IDB) and 5 national conf. - Chairman/member of organising committees: 15 international/national scientific events <p>Teaching mobilities (1 week/mobility):</p> <ul style="list-style-type: none"> - July 2014: University Nova de Lisboa, Portugal - May 2013: University of Porto, Portugal - April 2013, June 2010: Universidad Politecnica de Madrid – Centro Laser, Spain - May 2012: University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia - May 2011, June 2010: Universite de Rouen, IUT, France <p>Affiliation: membership of</p> <ul style="list-style-type: none"> - General Society of Engineers from Romania (AGIR), 2010 onwards - Romanian Society of Welding (A.S.R.), 1993 onwards - Romanian Society of Robotics (S.R.R.), 1997 onwards - Institute of Research Engineers and Doctors (IRED), senior member, 2014 onwards - Athens Institute for Education and Research (ATINER), 2016 onwards

Additional information

Awards:

- Diploma and Special Award EUROINVENT of Romanian Inventors Forum for the project *Cresterea sigurantei in alimentarea cu gaz prin magistrale trans-europene GAZODUCT* (authors: E. Scutelnicu, C. C. Rusu, O. Mircea, L. R. Mistodie, D. C. Birsan, B. Georgescu, D. Mihailescu, D. Visan), UGAL INVENT 2017.
- Diploma of Excellence and Gold Medal for the project *Cresterea sigurantei in alimentarea cu gaz prin magistrale trans-europene GAZODUCT* (authors: E. Scutelnicu, C.C. Rusu, O. Mircea, L. R. Mistodie, D. C. Birsan, B. Georgescu, D. Mihailescu, D. Visan), UGAL INVENT 2017.
- Diploma of Excellence and Gold Medal for the patent no. 128721 *Instalație de sudare tip multiarc electric* (authors: Rusu C. C., Mistodie L. R., Voicu C., Scutelnicu E, Constantin E., Bormambet MUGAL INVENT 2017.
- *Certificate of Outstanding Contribution in Reveiwing*, awarded by *Journal of Manufacturing Processes* (covered by ISI Thomson Reuters, web of Science) in cooperation with *The Society of Manufacturing Engineers*, August 2016
- Diploma of Excellence and Gold Medal for the patent no. 128721 *Instalație de sudare tip multiarc electric* (authors: Rusu C. C., Mistodie L. R., Voicu C., Scutelnicu E, Constantin E., Bormambet M.) at International Fair of Inventions and Practical Ideas, INVENT - INVEST 2016, organized by the Romanian Inventors Society
- 1st Scientific Award for the paper *Heat Treatment of Joints Welded on Cogged Surfaces*, International Conference ModTech 2011, Chisinau, Republica Moldova
- "Universitaria" Award for *Welding Processes Basics (Bazele Proceselor de Sudare)* e-book, Publishing House Foundation of "Dunarea de Jos" University of Galati (Martie 2008)
- 8 Awards granted by CNCSIS – National University Research Council for the scientific contributions published in journals included in ISI Web of Knowledge (*Journal of Materials Processing Technology, Science and Technology of Welding and Joining, Metalurgia International*) - 2007, 2009, 2010, 2014.
- Medal "Université dans la Societé", ACPART-Romania and Université de Rouen-France (2006)
- Diploma for meritorious activity granted by the Romanian Welding Society (2006)

BOOKS-ARTICLES- GRANTS-PATENTS	2011 - 2016	Total
A. PhD – Industrial Engineering Field	-	1
B. Books	2	14
B.1. Books published (as editor)	2	2
B.2. Books published in Romania	-	9
B.3. Laboratory guidebook	2	3
C. Articles published in scientific journals:	23	90
C.1. Journals indexed by Thomson Reuters – Web of Science (ISI)	4	12
C.2. Journals indexed by International Databases (IDB)	19	55
C.3. National journals ranked by CNCSIS (B+, B)	-	23
D. Papers published in Scientific Conferences Proceedings	30	106
D.1. Conferences indexed by Thomson Reuters - Web of Science (ISI)	5	11
D.2. Conferences indexed by International Databases (IDB)	18	50
D.3. Conferences unindexed	7	45
E. Articles in other interest fields	-	11
E.1. Articles published in international journals or International Conferences Proceedings in the fields of academic management, HRD, and vocational training collaborative research	-	11
E.1. National R&D and innovative projects	2	20
E.2. Grants funded by EC	4	14
F. Patents	1	1