



Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **SCUTELNICU ELENA**
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Nationality Romanian

Date of birth 16.12.1961

Gender Female

Occupational field **Prof. PhD. 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 of Robotics and Welding Department (2007-2009)
- Coordinator of Industrial Engineering Doctoral program within Engineering Doctoral School of "Dunarea de Jos" University of Galati (2013 Onwards)
- Editor-in-chief of *Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology*, ISSN 1221-4639 (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;
- 2004 - 2007: Assist. Prof. 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	Lectures on: Special Welding Processes for Advanced Materials, Trends in Advanced Welding, Modelling and Simulation of Welding Processes
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	Lectures on: Modeling and Simulation of Industrial Processes
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	Specialization course diploma: 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	Specialization
Dates	October - 2003
Title of qualification awarded	Specialization course diploma: 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	Specialization
Dates	October - 2003
Title of qualification awarded	Specialization course diploma: 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	Specialization
Dates	October - 2003
Title of qualification awarded	Specialization course diploma: 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	Specialization
Dates	1995-2003
Title of qualification awarded	Diploma: 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 – Galați, 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 Design, 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	
<i>European level (*)</i>	
English	
French	
Research fields	<ul style="list-style-type: none"> - Development of welding processes and 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	<ul style="list-style-type: none"> - 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, CNCISIS, FP5, TEMPUS, PHARE, Leonardo da Vinci, Erasmus, Erasmus*
Organisational skills and competences	<ul style="list-style-type: none"> - 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 and coordination - Experience in organising of international and national conferences, international seminars and workshops

Technical skills and competences	<ul style="list-style-type: none"> - Teaching using multimedia tools - Other practical skills in fields such as: computers, mechanical equipment, thermal processes, materials science, mechatronics, robotics, simulation of fusion welding processes.
Computer skills and competences	<ul style="list-style-type: none"> - MSWindows & MSOffice, Multimedia, Internet. - Analiza cu element finit – COSMOS, COREL Draw & Photopaint; Adobe Photoshop
Other skills and competences	<p>Relevant experience in the following main expertise fields:</p> <ul style="list-style-type: none"> - Trainer of trainers in vocational education and training area - Trainer for SMEs development stimulation - Human Resources Development (HRD); Communication and Public Relations - Open Learning; Multimedia teaching tools and methods - Total Quality Management, Academic Management; Projects management
Driving licence	Category B vehicle
Additional information	<p>Expert evaluator:</p> <ul style="list-style-type: none"> - Expert evaluator at European Commission for HORIZON 2020–Research and Innovation-FoF12 Panel (2015) - Expert evaluator at European Commission for the <i>Research Fund for Coal and Steel</i> (RFCS) Programme (2011, 2012, 2013) - Expert/Delegate at International Institute of Welding – IIW - Evaluator for PN-II and PN-III Programmes – UEFISCDI Romania - Evaluator in the Romanian Agency for Quality Assurance in Higher Education (ARACIS) – <i>Industrial Engineering and Management</i> Commission - Evaluator for scientific journals indexed by 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</i>) - Evaluator for international & national conferences in the fields of Welding & Joining Processes, Industrial Engineering, Mechanical Engineering, Materials Science etc. - Member of the <i>Industrial Engineering and Management</i> Commission (CNATDCU), Ministry of National Education and Scientific Research (2016 - onwards)) - Member of the Commission of Appeals Examination CNATDCU - <i>Industrial Engineering and Management</i> Commission, Ministry of National Education and Scientific Research (2012-2016) - Evaluator of PhD thesis in Industrial Engineering field <p>Teaching mobilities (1-2 weeks/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, Iunie 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 <p>Awards:</p> <ul style="list-style-type: none"> - 1st Scientific Award for paper Heat Treatment of Joints Welded on Cogged Surfaces, International Conference ModTech 2011, Chişinău, 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 Prizes of the CNCSIS – National University Research Council for the scientific contributions published in journals included in ISI Web of Knowledge (<i>Journal of Materials Processing Technology, Science and Technology of Welding and Joining, Metalurgia International</i>) - 2007, 2009, 2010, 2014. - Medal Université dans la Societé, ACPART-Ministry of Education and Research and Université de Rouen-France (2006) - Diploma of Romanian Welding Society for meritorious activity (2006)

Synoptic table of scientific achievements

Books, articles, patents, R&D grants, EC grants *	2010 - 2015	Total
A. PhD – Industrial Engineering Field	-	1
B. Books	2	12
B.1. Books published abroad (as editor)	2	2
B.2. Books published in Romania	-	10
C. Papers published in scientific journals:	25	85
C.1. journals indexed by Thomson Reuters - WoS (ISI)	5	11
C.2. international journals (International DataBases – IDB)	7	16
C.3. national journals (International DataBases - IDB, B+)	13	52
C.4. national journals (B)	-	6
D. Papers published in Conferences Proceedings	37	106
D.1. international conferences proceedings indexed by Thomson Reuters - Web of Science (ISI)	2	8
D.2. international conferences proceedings (IDB)	17	46
D.3. international conferences proceedings (ISBN)	13	33
D.4. national conferences proceedings (ISBN)	5	19
E. Articles in other interest fields	-	11
E.1. papers published in international journals or International Conferences Proceedings in the fields of academic management, HRD, and vocational training collaborative research	-	11
F. Patents	1	1
G. National and international grants	5	33
G.1. National R&D and innovative projects	2	20
G.2. Grants funded by EC	3	13

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Prof. PhD. eng. Elena SCUTELNICU