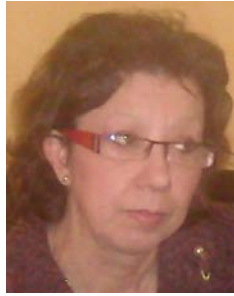




Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **MAIER Catalina**

Address(es) 111 Domneasca Street, 800201 Galati, Romania, www.mec.ugal.ro

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E-mail Catalina.maier@ugal.ro

Nationality Romanian

Date of birth 2/25/1955

Gender Female

Desired employment / Occupational field **Prof.PhD.Eng.**

Work experience

Dates	1983 – present	Employee at Dunarea de Jos University of Galati
Occupation or position held	-	Current position: Professor PhD Eng., Department of Manufacturing Engineering, Faculty of Engineering
	-	1998-2003 Assoc. Professor PhD Eng., Department of Manufacturing Engineering, Faculty of Mechanical Engineering
	-	1990-1998 Assist. Prof. /Assist. Prof. PhD Eng, Department of Manufacturing Engineering, Faculty of Mechanical Engineering
	-	1983-1990 software developer, Faculty of Mechanical Engineering
Main activities and responsibilities	-	Teaching and research activities, coordination of graduate and under-graduate students
	-	2008-2012: responsible with research activities and international relations of the Faculty of Mechanical Engineering
	-	Director of the Integrated Manufacturing Systems Engineering master programme
	-	Member of the council of the Faculty of Engineering
	-	2005-2012: ERASMUS departmental coordinator at the Faculty of Mechanical Engineering
Name and address of employer	Dunarea de Jos University of Galati, 47 Domneasca Street, 800008 Galati, Romania, www.ugal.ro	
Type of business or sector	Higher Education	
Dates	October 22-26, 2018	
	October 23-27, 2017	
	October 24-28, 2016	
	October 19-23, 2015	
	October 17-26, 2014	
	October 18-26, 2013	
	October 17-27, 2012	
Occupation or position held	Invited professor	
Main activities and responsibilities	Lectures on: Metal Forming Processes	
	Evaluation of French student's internship report	
Name and address of employer	Ecole des Mines de Douai, 941 rue Charles Bourseul – CS 10838 – F59508 Douai Cedex, France	

Type of business or sector	Higher Education
Dates	13-20 November 2009 2-9 July 2006
Occupation or position held	Visiting research professor
Main activities and responsibilities	Lectures on: A New Concept of the Reduced Order Modeling in Metal Forming, Numerical modelisation of high speed machining process
Name and address of employer	ENSAM de Metz, 4 rue Augustin Fresnel, 57078 Metz Cedex 3, France
Type of business or sector	Higher Education
Dates	1-8 September 2008
Occupation or position held	Visiting professor
Main activities and responsibilities	Lectures on: Materials cold forming mechanisms
Name and address of employer	Technological Education Institute of Piraeus - Athens, Greece
Type of business or sector	Higher Education
Dates	12-18 October 2008
Occupation or position held	Visiting professor
Main activities and responsibilities	Lectures on: Numerical modelisation of thin sheets severe plastic deformation
Name and address of employer	Ecole des Mines de Douai, 941 rue Charles Bourseul – CS 10838 – F59508 Douai Cedex, France
Type of business or sector	Higher Education
Dates	28 August-5 September 2007 17-24 June 2006 29 August-10 September 2005
Occupation or position held	Visiting professor
Main activities and responsibilities	Lectures on: Metal forming processes, Mechanical behaviour identification of materials, Numerical modelisation of metallic and composite multi-layers sheets forming process Coordination of PhD students activities
Name and address of employer	LPMTM – CNRS UPR 9001 laboratory, Institute Galilee, Paris13 University, av. J.B. Clement, 93430 Villetaneuse, France
Type of business or sector	Higher Education
Dates	25 June -1 July 2006
Occupation or position held	Visiting professor
Main activities and responsibilities	Lectures on: Numerical modelisation of metallic and composite multi-layers sheet forming process
Name and address of employer	INSA de Rennes, 20 Avenue des Buttes de Coesmes, 35708 Rennes, France
Type of business or sector	Higher Education
Dates	2001-2003
Occupation or position held	Professor PAST
Main activities and responsibilities	Research activities in the fields of: Materials mechanical behaviour identification (steels HSLA340, TRIP500, TRIP800, P220, P500, DP600, Aluminium alloys 5182 and 6016). Metal forming process optimisation Research activities in the FP6 grant <i>3DS-Digital Die Design Systems</i> , nr. IMS 1999 000051
Name and address of employer	LPMTM – CNRS UPR 9001 laboratory, Institute Galilee, Paris13 University, av. J.B. Clement, 93430 Villetaneuse, France
Type of business or sector	Higher Education
Dates	1 March - 31 August 1998
Occupation or position held	Post-doctoral researcher
Main activities and responsibilities	Responsible of the contract nr. 051060600/1998 "Numerical and Experimental Study of Plane Bending of Metal-Rubber Strips Used in Automotive Industry" between BTR Automobile France and LPMTM CNRS laboratory. Research activities for the European grant BRITE/EURAM Nr. BRPR-CT97-0492 "An accurate plasticity model of texture, strain-path induced anisotropy and forming limits for computer-aided sheet metal forming"
Name and address of employer	LPMTM – CNRS UPR 9001 laboratory, Institute Galilee, Paris13 University, av. J.B. Clement, 93430 Villetaneuse, France
Type of business or sector	Higher Education

Dates 15 January-15 April, 1 October-30 December 1992

Occupation or position held Visiting research professor

Main activities and responsibilities Research activities in the field of material forming processes
Internships coordination of Romanian students from the Faculty of Mechanical Engineering

Name and address of employer CEMEF – Centre de Mise en Forme des Matériaux, B.P. 207 - 06904 Sophia Antipolis Cedex, France

Type of business or sector Research

Dates 1979-1983

Occupation or position held Engineer

Main activities and responsibilities Design of machining and cold forming processes and equipments

Name and address of employer Arcelor Mittal Steel Galati, Sos. Smardan, nr. 1, 800698 Galati, Romania.

Type of business or sector Industry

Education and training

Dates October 1990 – July 1997

Title of qualification awarded PhD Eng. Diploma

Principal subjects/occupational skills covered Thesis title: Researches regarding deep-drawing of complex parts

Name and type of organisation providing education and training Dunarea de Jos University of Galati, Romania

Level in national or international classification PhD in Industrial Engineering

Dates March – may 1980

Title of qualification awarded Diploma: Software developer

Principal subjects/occupational skills covered Software developer

Name and type of organisation providing education and training ICI Bucharest, Romania

Level in national or international classification Informatics

Dates 1974 - 1979

Title of qualification awarded Diploma of the Faculty of Mechanical Engineering, Manufacturing Technology and Equipment

Principal subjects/occupational skills covered Mechanical engineering fundamental courses: mathematics, physics, informatics, material science;
Specific courses: Manufacturing process and equipment design, Metal forming process, Tools design

Name and type of organisation providing education and training Dunarea de Jos University of Galati, Romania

Level in national or international classification Higher Education Graduate, Engineer

Personal skills and competences

Mother tongue(s) **romanian**

Other language(s)

Self-assessment

European level ()*

French

English

Russian

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production		
French	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
English	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user
Russian	A1 Beginner	A1 Beginner	A1 Beginner	A1 Beginner	A1 Beginner	A1 Beginner

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Social skills and competences	<ul style="list-style-type: none"> - Work experience in different countries, with different nationality people; - Experience in teaching using classical and ICT methods; - Participation to/organisation of the international meetings and conferences in France, Portugal, Tunis, Turkey, Bulgaria, SUA, Algeria. - Participation in national and international research grants type CNCSIS, CEEX, PN II, ID, TEMPUS, PECO, BRITE/EURAM, COPERNICUS, FP6
Organisational skills and competences	<p>Academic management:</p> <ul style="list-style-type: none"> - Responsible with scientific activity and international relations of the Faculty of Mechanical Engineering, Dunarea de Jos university of Galati - Vice-Dean of Faculty of Engineering, Dunarea de Jos university of Galati - Director of the Integrated Manufacturing Systems Engineering master programme - Coordinator of master and licence thesis of Romanian, French and Spanish students at the Faculty of Mechanical Engineering - Participation to the coordination of PhD thesis of LPMTM – CNRS UPR 9001 laboratory, Institute Galilee, Paris13 University, France - Member in the PhD thesis commission at University of Bordeaux from France, Dunarea de Jos University of Galati and Gh Asachi Technical University of Iasi from Romania <p>Project management and coordination</p> <ul style="list-style-type: none"> - director/coordinator of 2 CNCSIS grants, 3 PNII grants, 1 PNIII grant and one ID grant - UDJ partner responsible of research activity for FP6 VIF-CA grant no. 507331 and BRITE/EURAM grant no. BRPR-CT97-0492 - responsible of research activity for 9 research contracts between LPMTM-CNRS laboratory and industrial partners (SOLLAC-Groupe Arcelor, RDCS-Groupe Usinor and BTR Automotive, France) - responsible of research activity for 5 CEEX grants between Dunarea de Jos University of Galati and CNCSIS <p>Organisation skills</p> <ul style="list-style-type: none"> - organisator of 32 workshops in France and Romania with the participation of invited speakers from Japan, France, Italy, U.K., Greece, Belgium, Nederland, Spain. - member of organizing committee of the International Conference ARTENS 2008 (Galati – Romania) and NewTech 2009 (Galati – Romania). - member of scientific committee of the International Conference ICAMat 2014 (Bucarest – Romania), IManE 2015 (Iasi – Romania), NUMIFORM 2016 (Troyes – France), Numiform 2019 (SUA). - Organizer of the National Conference of Students “Anghel Saligny” 2009 - 2018.
Technical skills and competences	<ul style="list-style-type: none"> - Teaching using multimedia tools - Invited papers and plenary speaker of international meetings and conferences in France, Greece, Tunis - Other practical skills: mechanical behaviour identification of metallic and multi-layers composite materials, numerical modelisation of metal forming process, computer aided manufacturing
Computer skills and competences	<ul style="list-style-type: none"> - soft conception using FORTRAN and Turbo Pascal languages - finite element analysis using FORGE and MARC Mentat softwares - MSWindows, MSOffice, Solidcam, Mastercam, multimedia, Internet
Artistic skills and competences	picture

- Other skills and competences
- Affiliation: membership of
- ESAFORM – European Scientific Association for Metal FORMing -1997 (foundation year) – present
 - Society of Automotive Engineers of Japan – 2006 – present
 - ARTN – Romanian Association for Non-conventional Technologies –1994– present
 - AUIF – Romanian Association for Manufacturing Engineering – 2008 – present
 - ARTENS – Romanian Association for Tensometry – 2008 – present
- Prizes/Diplomas:
- TOP25 position 1, 9 and 19 respectively during three quarters of 2007 for the paper "Towards an accurate description of the anisotropic behaviour of sheet metals under large plastic deformations. Modelling, numerical analysis and identification", International Journal of Plasticity, Volume 22, Issue 12, December 2006, pages 2226-2271, Elsevier Science, ISSN 0749-6419
 - 2nd CNCSIS National Prize for research activity during CEEX-M1-C1 grant no. 22/2006.
 - Prize IManE 2015 for the paper „Leveling Quality Prediction Algorithm” –Gheorghe Asachi Universiti of Iasi.
 - Springer Reviewer for the book Process control for sheet metal stamping”, 120 pg, authors Yongseob Lim, Ravinder Venugopal and Galip Ulsoy, 2012.
 - Reviewer for the book Studiul si tehnologia materialelor, Institute of Marine Ed., Constanta, 2011.
 - Reviewer of 11 papers: for international conferences (NUMIFORM2019, NUMIFORM2016, ROTRIB2016, IManE2015, SPIN2015, ICAMat 2014, NEWTECH 2009, 12th INTERNATIONAL SYMPOSIUM of EXPERIMENTAL STRESS ANALYSIS and TESTING OF MATERIALS 2008).
 - Reviewer of 3 IDB journals: The Official Publication of Science Publishing Group, Annals of “Dunărea de Jos” University of Galați, Fascicle V, Technologies in Machine Building, ISSN 1221- 4566, Journal of Applied Physical Science International

Driving licence Category B vehicle

Additional information

- 7 books published in Romania, 1 book published aboard (as editor)
- 3 papers published in journals included in ISI Web of Knowledge, 10 papers published in Conference Proceedings included in ISI Web
- 31 papers published in journals included in International Databases – IDB and 30 papers published in International Conference Proceedings ISBN, IDB
- 29 papers published in journals of category B CNCSIS, 28 papers published in national Conference Proceedings (ISBN)
- 14 plenary speaker presentations during international meetings and conferences
- 11 research reports
- 8 grants founded by EU, 9 research projects with industrial partners from France
- 26 National R&D and Innovative projects, 36 research projects with industrial partners from Romania
- 112 citations in ISI journals, 34 citations in BDI journals
- Springer reviewer for a book, member of the editorial board for one BDI journal, reviewer for paper presented at 9 international conferences
- Awarded with the place no. 1, 9 and 19 in TOP25, 2006
- 5 Romanian patents.