



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)	BIRSAN DAN CATALIN		
Address(es)	4 Textilistilor Str., 800581 – Galati, Romania		
Telephone(s)		Mobile:	(+40) 742 211 074
Fax(es)			
E-mail	danbirsan1969@yahoo.com		
Nationality	Romana		
Date of birth	24.02.1969		
Gender	Male		

Desired employment / Occupational field

Debuting Assistant

Work experience

Dates	2002-present: Employee of Dunarea de Jos University of Galati
Occupation or position held	- Current position: Debuting Assistant, Mechanical Engineering Faculty;
Main activities and responsibilities	- Performing teaching and research activities;
	- European and Research projects development;
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	September 1992 – November 2000
Occupation or position held	Manager
Main activities and responsibilities	Administration, Economic management
Name and address of employer	S.C. Trilion Com S.R.L.
Type of business or sector	Commerce

Education and training

Dates	2002-2004
Title of qualification awarded	Master diploma: Numerical methods optimization of the manufacturing process
Principal subjects/occupational skills covered	Theoretical and experimental researches of the manufacturing process Analytical modelling and FEA of mechanical processes
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	Higher Education Graduate, Engineer
Dates	1998-2002

Title of qualification awarded	Diploma of Mechanical Engineer, Industrial Robotics 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, etc.
Name and type of organisation providing education and training	Dunarea de Jos University of Galati, 47 Domneasca St., 800008-Galați, Romania Mechanical Faculty
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 (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C1	Proficient user	A2	Basic user	A2	Basic user	C1	Proficient user

(*) *Common European Framework of Reference for Languages*

Technical skills and competences	- Teaching using multimedia tools - Other practical skills in fields like: computers, mechanical equipment, thermal processes, materials science, mechatronics, robotics, finite element analysis of thermal processes
Computer skills and competences	- MSWindows & MSOffice - COREL Draw & Photopaint - Finite Element Analysis – COSMOS, Marc Mentat, Catia, Flow3d, SolidWorks - Programming - C++, Visual C++, Matlab, LabVIEW. Mathcad - Engineering draw programm - Autocad - Other Multimedia & Accesories Software, including all Internet facilities
Artistic skills and competences	- Photography and movie; - Computer design.
Driving licence	Category B vehicle

Additional information

Affiliation: membership of

- Romanian Association of Welding (**A.S.R.**), 2002 - present
- Romanian Association of Robotics (**A.R.R.**), 2002 – present.

Books, paper published, research R&D projects, EU projects *	2002 - 2006	Total
a. Books	1	1
b. papers published in international journals:	6	6
b.1. papers published in international journals ISI*		
b.2. papers published in international journals (international data bases – BDI indexed)		
b.3. papers published in national journals (international data bases - BDI indexed)	6	6
c. papers published in International Conferences Proceedings; (with ISSN or ISBN);	7	7
c.1. papers published in International Conferences Proceedings (international data bases indexed)	1	1
c.2. papers published in International Conferences Proceedings (ISBN)	2	2
c.3. papers published in National Conferences Proceedings (ISBN)	4	4
d. other papers/scientific reports		
d.1. papers published in international journals or International Conferences Proceedings in the field of university management and HRD		
d.2. research reports (Internet published)		

*detailed description is found in the Publication List Annex

Annexes

List of Published Scientific Papers

List of Published Books

List of Research Contracts

November, 2006.

LIST OF PUBLISHED SCIENTIFIC PAPERS

1. **Bîrsan D.**, Vişan, D. - *Simularea numerică 3D a băii de sudare la sudarea cu arc electric în mediu de gaz protector cu electrod fuzibil*, ASR International Conference Quality Management in the Field of Welding on the Edge of Joining Romania at the European Union, **ISBN (10) 973-8359-44-9**, 20-22 Septembrie 2006, Brasov, Romania, pag. 236-244.
2. Vişan, D., **Bîrsan D.** - *Modalitati de agitare a bailor de sudare cu campuri electromagnetice*, ASR International Conference Quality Management in the Field of Welding on the Edge of Joining Romania at the European Union, **ISBN (10) 973-8359-44-9**, 20-22 Septembrie 2006, Brasov, Romania, pag. 127-133.
3. Vişan, D., **Bîrsan D.** - *Metallographic structures at the electro-slag welding with electromagnetic agitation*, The Annals of „Dunărea de Jos” University of Galaţi, Fascicle XII, Year XVII, 2006, **ISSN 1221-4639**, pag. 47-51.
4. Vişan, D., **Bîrsan D.** - *Determinarea componentelor câmpului electro-termo-magnetic în îmbinări sudate în baie de zgură cu agitație magnetică*, Conferința ASR, Editura SUDURA, **ISBN 973-8359-25-2**, 28-30 Septembrie 2005, Galaţi, Romania
5. Vişan, D., **Bîrsan D.**, Mircea, O., Banea M. - *Parametrii câmpului electro-termo-magnetic la sudarea în baie de zgură cu agitare magnetică prin metoda numerică a diferențelor finite*, Conferință Științifică Internațională Tehnologii Moderne, Calitate, Restructurare TCMR-2005, **ISBN 9975-9748-3-2**, 19-21 mai 2005, Chişinău, Republica Moldova, pag. 167-171, vol. 4.
6. **Bîrsan D.**, Vişan, D., Mircea, O., Banea M. - *Finite Difference solution for Analysind the Temperature Field to Welding Heterogeneous Materials*, Conferință Științifică Internațională Tehnologii Moderne, Calitate, Restructurare TCMR-2005, **ISBN 9975-9748-3-2**, 19-21 mai 2005, Chişinău, Republica Moldova, pag. 47-51, vol. 1.
7. Constantin E, Vişan, D., **Bîrsan D.** - *The electromagnetic agitation of the molten pool*, Proceedings of Welding & Joining 2005: Frontiers of Materials Joining International Conference, Tel-Aviv, Israel, 25th-28th January, 2005, pag.
8. **Bîrsan D.**, Vişan, D. - *Finite Difference Method for Heat Transfer Analysis at Dissimilar Metals Welding*, The Annals of „Dunărea de Jos” University of Galaţi, Fascicle XII, Year XV, 2004, **ISSN 1221-4639**, pag. 29-33.
9. Vişan, D., **Bîrsan D.** - *Pool welding's movement on the electro slag welding with two bilateral magnetic fields*, The Annals of „Dunărea de Jos” University of Galaţi, Fascicle XII, Year XV, 2004, **ISSN 1221-4639**, pag. 33-36.
10. Mircea, O., Banea M., Vişan, D., **Bîrsan D.** - *Analiza cu elemente finite a tensiunilor remanente la sudarea cap la cap*, Conferința ASR, Editura SUDURA, **ISBN 973-8359-25-2**, 15-17 Septembrie 2004, Constanța, Romania, pag. 174-183.
11. Vişan, D., **Bîrsan D.**, Mircea, O., Banea M. - *Încercări mecanice ale îmbinărilor sudate în baie de zgură în câmp electromagnetic*, Conferința ASR, Editura SUDURA, **ISBN 973-8359-25-2**, 15-17 Septembrie 2004, Constanța, Romania, pag. 191-196.
12. Vişan, D., Mircea, O., **Bîrsan D.**, Banea M. - *Numerical Simulation of the Electroslag Welding with External Electromagnetic Field*, The Annals of „Dunărea de Jos” University of Galaţi, Fascicle XII, Year XIV, 2003, **ISSN 1221-4639**, pag. 41-43.
13. Mircea, O., Banea M., Vişan, D., **Bîrsan D.** - *Technological Aspects for the One-Pass Flux Submerged Welding*, The Annals of „Dunărea de Jos” University of Galaţi, Fascicle XII, Year XIV, 2003, **ISSN 1221-4639**, pag. 37-41.

LIST OF PUBLISHED BOOKS

1. Visan, D., **Bîrsan, D.** - *Aparatura de birotica*, **ISBN 973-627-254-8**, Editura Fundatiei Universitare Dunarea de Jos din Galati, 2005, Romania, 196 pag.

RESEARCH CONTRACTS

1. *Tehnologii Inovative si Ecologice de Procesare a Materialelor Avansate, prin Frecare cu Element Activ Rotitor (FSW) - TIPMAV*, Contract CEEX 66/2006 MedC – MATNANTECH, membru in echipa de cercetare.
2. *Cercetări Fundamentale și Aplicative privind Realizarea Bronzurilor CuNiAl destinate Recondiționării Elicelor Navale – ELNAV*, Contract CEEX MEDC – RELANSIN, membru in echipa de cercetare.
3. Sistem de monitorizare si comanda a proceselor de brazare cu arc electric a tablelor subtiri pentru autovehicule, MECT-CNCSIS, cod 440, tema 6, 2004-2006, membru in echipa de cercetare.
4. *Cercetari teoretice si experimentale privind sudarea in camp electromagnetic*, Grant CNCSIS tip A, tema 2, M.E.C.T. cod C.N.C.S.I.S. 519, membru in echipa de cercetare.