

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Iordachescu Mihaela**

Address(es) 5 Ovidiu St., Bl. M12, Ap. 25, 800008 – Galati, Romania

Telephone(s) 0040 236 464 934 Mobile: 0040 722 211 483

Fax(es) 0040 236 461 353

E-mail miordac@yahoo.com mihaela.iordachescu@ugal.ro

Nationality Romanian

Date of birth 24.10.1964

Gender Female

Desired employment / Occupational field

As. Prof. PhD Eng

Work experience

Dates	March 2000 - present
Occupation or position held	Assistant Professor
Main activities and responsibilities	- Didactic activity within Robotics and Welding Department, Mechanical Faculty, Dunarea de Jos University of Galati (UDJG) – teaching courses to the specializations: Welding Engineering, Mechatronics and Industrial Robots; - Research activity in the field of Welding Engineering; - 2001-2002 – director of Mechatronics specialization, Mechanical Faculty of UDJG; - 2006 – coordinator of the journal: The Annals of Dunarea de Jos University of Galati, Fascicle XII, Welding Technology and Equipment; - 2005-present – coordinator of the Leonardo da Vinci program within the Community Programs Bureau of UDJG; - 2006 – director of the Department of Projects Promoting and Implementation from the Centre for Advanced Researches in Welding – SUDAV (CNCSIS recognized); - 2004-present – member of the European Centre of Excellence for the Environment - Inter-Mediu.
Name and address of employer	Dunarea de Jos University of Galati, 47 Domneasca St., 800008-Galați, Romania
Type of business or sector	Higher-education, research development
Dates	September 1998 – March 2000
Occupation or position held	Engineer
Main activities and responsibilities	- supervising the construction, repairing, and rehabilitation of UDJG buildings, including electricity, gas and water pipes networks
Name and address of employer	Dunarea de Jos University of Galati, 47 Domneasca St., 800008-Galați, Romania
Type of business or sector	Industrial Engineering
Dates	September 1988 – September 1998
Occupation or position held	Engineer

Main activities and responsibilities	- supervising the pipelines montage, ensuring the field production, the development of the specific Construction Technical Books, the gas pipelines final bring in service, gas pipelines networks design; 1999-2001 - Chief of the Non-Destructive Testing Laboratory, III-rd degree
Name and address of employer	S.C. CONDMAG S.A., 52 Avram Iancu St., Brasov, Romania
Type of business or sector	Industrial Engineering, design, gas pipelines construction, quality assurance
Education and training	
Dates	December 1999 – February 2005
Title of qualification awarded	Diploma: Doctor engineer – MAGNA CUM LAUDAE
Principal subjects/occupational skills covered	Thesis title: <i>Contributions to the butt cold pressure welding</i> Finite element model of the butt cold pressure welding, welding technology optimizing, model validation, macro and microstructural characterization of the butt cold welded joint, mechanical test etc.
Name and type of organisation providing education and training	Dunarea de Jos University of Galati, 47 Domneasca St., 800008-Galați, Romania
Level in national or international classification	PhD, Industrial Engineering
Dates	Oct. 2002 – Nov. 2003
Title of qualification awarded	Post-university studies diploma: Distance learning didactics
Principal subjects/occupational skills covered	Distance learning applied informatics, special didactic materials development, tutorial learning organizing, implementation;
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-university – master equivalent
Dates	Nov. 2003
Title of qualification awarded	Post-university studies diploma: SMEs development stimulation – Trainer
Principal subjects/occupational skills covered	Project management, business development, communication
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-university
Dates	Oct. 2003
Title of qualification awarded	Specialization course diploma: Communication and Public Relations
Principal subjects/occupational skills covered	Communication, inter-institutional 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	Oct. 2003
Title of qualification awarded	Specialization course diploma: Human Resources Management
Principal subjects/occupational skills covered	Human Resources Management, management of change, team 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	Specialization

Dates	Oct. 2003
Title of qualification awarded	Specialization course diploma: European Integration and Community Relations
Principal subjects/occupational skills covered	European enlargement process, costs, benefits, community institutions
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	Oct. 2003
Title of qualification awarded	Specialization course diploma: Project development and management
Principal subjects/occupational skills covered	European projects development and management, development techniques, implementation, technical and financial audit
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	1983-1988
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 etc 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 Mechanical Faculty
Level in national or international classification	Higher education, Engineer

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level ()*

English

French

Spanish

Portuguese

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	C2	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	A2		A2	
B1	Independent user	B1	Independent user	B1	Independent user	A2		A2	
B1	Independent user	B1	Independent user	B1	Independent user	A2		A2	

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

Social skills and competences

- *Team working* – collaborative research into different national and international projects framework: CNCSIS, CEEX, FP5, TEMPUS, PHARE, Leonardo da Vinci
- *Multicultural adapting capacity* – participation to different international projects meetings, documentary stages in Portugal, Austria etc., individual research fellowship – October -December 2005 at Instituto Superior Tecnico – Lisabon, Portugal;
- *good communication skills*: didactic activity – teaching courses at UDJG; collaborative research projects participation; national and international conferences participation in Austria, Croatia, Israel, Czech Republic, Spain, Germany etc.

Organisational skills and competences	- <i>leadership</i> – director of the Mechatronic specialization, Robotics and Welding Department – UDJG, director of 4 PHARE and Leonardo da Vinci projects; - <i>entrepreneurship</i> – member of the organizing committee of the SIBIS international workshop and of the international conference UNISO 2004, organizer of the projects general meetings Riperijo, Selfemployment, Emop etc. - <i>project management experience</i> into the CNCSIS, CEEX, FP5, TEMPUS, PHARE, Leonardo da Vinci framework, implemented by the members of the Robotics and Welding Department – UDJG
Technical skills and competences	- 1988-present – mechanical engineer, welding equipment and technology design, welding metallurgy, welded structures design, special welding processes, finite element modeling of the welding processes etc. - 1996- present – authorized gas pipeline designer and constructor, II-nd degree; - 1999-2001 – head of the Quality Assurance Laboratory – SC CONDMAG SA Brasov - 2000-present – courses development and multimedia presentations, publicity design, books, journals and leaflets editing etc. - 2005-present – PhD engineer – industrial engineering
Computer skills and competences	Very good knowledge of the computer programs usage: - MSWindows & MSOffice, COREL Draw & Photopaint, Adobe Photoshop, Finite Element Analysis – COSMOS, Pascal, Turbopascal; - others multimedia and Internet programs
Other skills and competences	Research-development and human resources management due to the participation to the: - Specialization courses: <i>How to Apply with Success in International Research Programs (FP6)</i>, Executive Agency for Higher Education and Research Funding Romania & Hyperion Ltd. Ireland 2002 - Specialization courses: <i>How to Apply with Success in International Research Programs (FP6)</i>, Executive Agency for Higher Education and Research Funding Romania & Hyperion Ltd. Ireland, 2003 - Summer school University in the Society – UNISO 2002, organized by the Ministry of Education and Research, APART, Rouen University, France, July 2002 - Summer school University in the Society – UNISO 2004, organized by the Ministry of Education and Research, APART, Paris VI Univ., Le Havre Univ. Rouen, France, July 2004 - <i>Training of Trainers in Career Guidance and Counselling</i>, course of CICOP Dept. – UDJG, 2005
Driving licence	B category of vehicles
Additional information	Visiting professor: - November 2005 - Friction Stir Processing – FSP and other solid state welding processes - Instituto Tecnico Superior Lisbon - IST, Portugal, Conference organizing: - Chairman of the 36th Croatian Welding Society Conference – Mechanization, automation and robotization in welding and allied processes, Zadar, Croatia, 01-04 June, 2005 - member of the organizing committee of the international conference UNISO 2004 – University in the Society, Galati, 2004 - member of the organizing committee of the international workshop SIBIS 2003 - Statistical Indicators Benchmarking Information Society, Galati, Romania, 2003. Documentary stages abroad: - November 2006 – Documentary stage in the field of special welding processes, - IST Portugal and Universidad Politecnica de Madrid – Centro Laser, Spain - January 2004 - Documentary stage in the field of continuing education, public administration and SMEs, Paris XII, Franta; - April 2003 - Documentary stage in the field of Total Quality Management, Instituto Tecnico Superior Lisbon - IST, Portugal; - October 2002 - Documentary stage in the field of ICT usage and communication in vocational training FOFOS, Austria; - November 2000 - Documentary stage in the field of underwater technologies, continuing education and TQM, Instituto Tecnico Superior Lisbon - IST, Portugalia Member of the professional associations: - Member of the Romanian Welding Association - ASR - Member of the Romanian Robotic Association - ARR - Membru of the Commission II – Special welding processes, International Welding Institute – IIW

Additional information

Books, paper published, research R&D projects, EU projects *	2002 - 2006	Total
a. PhD – Industrial Engineering – Magna cum Laude	1	1
b. Books	7	13
c. papers published in international journals:	21	35
c.1. papers published in international journals ISI*	2*	2*
c.2. papers published in international journals (international data bases – BDI indexed)	4	4
c.3. papers published in national journals (international data bases - BDI indexed)	15	29
d. papers published in International Conferences Proceedings; (with ISSN or ISBN);	33	54
d.1. papers published in International Conferences Proceedings (international data bases indexed)	20	24
d.2. papers published in International Conferences Proceedings (ISBN)	11	22
d.3. papers published in National Conferences Proceedings (ISBN)	2	8
g. other papers/scientific reports	20	20
g.1. papers published in international journals or International Conferences Proceedings in the field of university management and HRD	12	12
g.2. research reports (Internet published)	8	8
R&D and innovative projects		
1. R&D and innovative projects	20	22
1.1. international (1 individual research fellowship, 4 DJUG project director)	9	10
1.2. national	11	12

*detailed description is found in the Publication List Annex

**accepted, in publish in Revista de Metalurgia, Centro Nacional de Investigaciones Metalurgicas, Madrid, Spain and Science and Technology of Welding and Joining, Maney Publishing UK

Annexes

- **Publication List** of the books, papers and R&D, innovative projects

L I S T OF BOOKS, PAPER PUBLISHED, RESEARCH R&D PROJECTS, EU PROJECTS

(a) PhD thesis – *Magna cum Laude*

- ✓ **lordachescu, M.**, *Contributii la sudarea prin presiune la rece, cap la cap (Contributions to the butt cold welding)*, PhD thesis, Dunarea de Jos University of Galati, Romania, februarie, 2005.

(b) Books

Books - 13 published books, (in publishing houses recognized by CNCIS – National Council for Research and Higher Education),

7 published in 2002-2006, 3 as first author;

1. lordachescu, D., **lordăchescu, M.**, Scutelnicu, E., *Traductoare si senzori (Sensors and Transducers)*, e-book, Editura Fundatiei Universitare Dunarea de Jos, Galati, Romania, 2006, 152 pag., **ISBN 13 978-973-627350-6**
2. **lordăchescu, M.**, Georgescu, B., Georgescu, V. *Procese neconventionale de sudare (Non-Conventional Welding Processes)*, Editura Fundatiei Universitare Dunarea de Jos, Galati, Romania, 2005, 264 pag., **ISBN 973-627-212-5**
3. **lordachescu, M.**, Scutelnicu, E., lordachescu, D., *Stimularea potentialului de dezvoltare al IMM-urilor*, Editura Didactica si Pedagogica, Bucuresti, Romania, 2005, 79 pag., **ISBN 973-30-1366-8**
4. **lordachescu, M.**, Scutelnicu, E., lordachescu, D., Stanca, C., *Concepte in Managementul calitatii totale (Concepts in Total Quality Management)*, Editura Fundatiei Universitare Dunarea de Jos, Galati, 2004, 106 pag., **ISBN 973-627-082-3**
5. Scutelnicu, E., **lordachescu, M.**, Tofan, C., *Managementul calitatii totale (Total Quality Management)*, e-book, Editura Fundatiei Universitare Dunarea de Jos, Galati, 2004, 80 pag., **ISBN 973-627-087-4**
6. Georgescu, V., **lordachescu, M.**, Georgescu, B., *Controlul si asigurarea calitatii structurilor metalice (Metal structures quality assurance and inspection)*, Editura Fundatiei Universitare Dunarea de Jos, Galati, 2003, 154 pag., **ISBN 973-627-081-5**
7. Georgescu, V., Georgescu, B., **lordăchescu, M.**, *Control nedistructiv (Nondestructive testing)*, Editura Lux Libris Braşov, 2001, 186 pag., **ISBN 973-9428-75-4**
8. Georgescu, V., **lordăchescu, M.**, Georgescu, B., *Practica sudării prin presiune la rece (Cold pressure welding practice)*, Editura Tehnică, Bucureşti, Romania, 2001, 134 pag., **ISBN 973-31-1558-4**
9. Constantin, E., Fălticeanu, C., Constantin, V., Matulea, I., lordăchescu, D., Mihăilescu, D., **lordachescu, M.** *Tehnologii subacvatice-Reparații, întreținere și inspecții subacvatice. Vol. II (Underwater Technologies-Repairing, Maintenance and inspection)*, Bucureşti, Editura Tehnică, 2000, Romania, 127 pag., **ISBN 973-31-1295-X, 973-31-1550-9**
10. lordăchescu, D., Andreescu, F., **lordăchescu, M.**, *Materiale compozite. Compozite cu matrice metalica (Composite Materials. Metal Matrix Composites)*. Editura Lux Libris, Braşov, 1997, Romania, 148 pag., **ISBN 973-9779-6-8**

Courses/Laboratory Tests: 3 (2 published in 2002-2006)

1. Georgescu, B., **lordăchescu, M.**, *Control nedistructiv – Curs si Teste pentru verificarea cunostintelor*, Editura Fundatiei Universitare Dunarea de Jos, Galati, Romania, 2006, 166 pag.
2. **lordăchescu, M.**, Georgescu, V. *Control nedistructiv – Indrumar de laborator (Non-Destructive Testing – Laboratory Tests)*, Editura Fundatiei Universitare Dunarea de Jos, Galati, Romania, 2005, 76 pag.
3. lordăchescu, D., **lordăchescu, M.**, *Prezența oxigenului și hidrogenului în procesele de sudare (Presence of the Oxygen and Hydrogen in Welding Processes)*, Editura Universității Dunărea de Jos din Galați, Romania, 50 pag., 1991

c.1. - papers published in international journals, ISI indexed: 2 in publish

1. **lordachescu, M.**, lordachescu, D., Scutelnicu, E., Ocana, J.L., *FEM model of the butt cold welding*, Science and Technology of Welding and Joining, submitted in November 2006, **ISSN: 1362-1718** (sent for publishing)
2. **lordachescu, M.**, Quintino, L., lordachescu, D., Vilaça, P., Miranda, R-M., *Friction Stir Processing of Materials - Fundamentals of the process and tools design*, Revista de Metalurgia, Madrid, Spain, submitted in Dec. 2005, **ISSN: 0034-8570** (sent for publishing)

c.2. - papers published in international journals, international databases (BDI): 4, published in 2002-2006 in Sweden and France;

- 1) **lordachescu, M.**, Georgescu, B., lordachescu, D., *FEM and Experimental Approaches of the Processes in the Mechanical Affected Zone at Butt Cold Welding*, International Journal for the Joining of Materials - JOM, Vol. 17, Nr. 3, Sept. 2005, Sweden, pp. 83 – 89, **ISSN 0905 – 6866**.

http://www.ingentaconnect.com/search/article.jsessionid=55vwc8r1q9ud8.alice?author=lordachescu&year_from=1996&year_to=2007&database=0&pageSize=20&index=9

http://www.engineeringvillage2.org/controller/servlet/Controller?EISESSION=1_2d189c...

<http://tiborder.gbv.de/psi/LNG=EN/DB=2.56/CMD?ACT=SRCHA&IKT=1007&SRT=YOP&TRM=RN175562850>

<http://md1.csa.com/partners/viewrecord.php?requester=gs&collection=TRD&recid=2006025505439MD&recid=...>

<http://www.scopus.com/scopus/record/display.url?view=basic&origin=resultslist&eid=2-...>

- 2) Scutelnicu E., Constantin E., **lordachescu M.**, *Heat transfer simulation in carbon steel – copper welded joints*, Welding in the World (Soudage dans le Monde), Ed. ELSEVIER, France, vol. 49, special issue – 2005, pp. 361-367, **ISSN 0043-2288**.

http://www.ingentaconnect.com/search/article.jsessionid=55vwc8r1q9ud8.alice?author=lordachescu&year_from=1996&year_to=2007&database=0&pageSize=20&index=14

<http://tiborder.gbv.de/psi/LNG=EN/DB=2.56/CMD?ACT=SRCHA&IKT=1007&SRT=YOP&TRM=RN171718087>

http://www.engineeringvillage2.org/controller/servlet/Controller?EISESSION=1_11f23e...

<http://www.scopus.com/scopus/record/display.url?view=basic&origin=resultslist&eid=2-...>

<http://www.iw-iis.org/iw/iw%20databases/technical/showdoc.cgi?verID=73&line=0&t=296755>

- 3) Georgescu B., **lordachescu M.**, Georgescu V., *Characteristics of the cold welded joints on cogged surfaces*, Welding in the World (Soudage dans le Monde), Ed. ELSEVIER, France, vol. 49, special issue – 2005, pp. 435-442, **ISSN 0043-2288**.

http://www.ingentaconnect.com/search/article.jsessionid=55vwc8r1q9ud8.alice?author=lordachescu&year_from=1996&year_to=2007&database=0&pageSize=20&index=11

<http://tiborder.gbv.de/psi/LNG=EN/DB=2.56/CMD?ACT=SRCHA&IKT=1007&SRT=YOP&TRM=RN171718210>

http://www.engineeringvillage2.org/controller/servlet/Controller?EISESSION=1_11f23e...

<http://www.scopus.com/scopus/record/display.url?view=basic&origin=resultslist&eid=2-...>

<http://www.iw-iis.org/iw/iw%20databases/technical/showdoc.cgi?verID=73&line=0&t=296755>

- 4) lordăchescu D., Georgescu V., **lordăchescu M.**, *Cold pressure processes for joining Aluminium*, International Journal for the Joining of Materials - JOM, Vol. 16, No. 1, 2004, Sweden, pp. 2-8, **ISSN 0905-6866**.

http://www.ingentaconnect.com/search/article.jsessionid=55vwc8r1q9ud8.alice?author=lordachescu&year_from=1996&year_to=2007&database=0&pageSize=20&index=21

http://www.engineeringvillage2.org/controller/servlet/Controller?EISESSION=1_2d189c...

<http://tiborder.gbv.de/psi/LNG=EN/DB=2.56/CMD?ACT=SRCHA&IKT=1007&SRT=YOP&TRM=RN146684165>

<http://md1.csa.com/partners/viewrecord.php?requester=gs&collection=TRD&recid=200407551327MD&recid=2...>

<http://www.scopus.com/scopus/record/display.url?view=basic&origin=resultslist&eid=2-...>

c.3. - papers published in national journals, international databases indexed (BDI) and recognized by CNCISIS:

c.3.1. papers published in *The Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology*, journal recognized by CNCISIS (B degree) and indexed in Thomson-Scientific – Dialog in 9 databases, CSA (Cambridge Scientific Abstracts in 11 databases, 10 international catalogues: 26 (14 published in 2002-2006), as follows:

1. THOMSON SCIENTIFIC-DIALOG – WELDASEARCH Database

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0025.html>

http://www.twi.co.uk/j32k/unprotected/band_1/info_online.html

<http://iguana.twi.co.uk/cgi-bin/?session=545552324&infile=details.glu&loid=57257&...>

2. THOMSON SCIENTIFIC-DIALOG - Aluminium Industry Abstracts

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0033.html>

http://www.csa.com/ids70/serials_source_list.php?db=aia-set-c&SID=rc4atclmb1knsphgj6n8s54jo1

3. THOMSON SCIENTIFIC- DIALOG - Ceramic Abstracts/World Ceramics Abstracts

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0335.html>

http://www.csa.com/ids70/serials_source_list.php?db=ema-ceramics-set-c

4. THOMSON SCIENTIFIC-DIALOG - Corrosion Abstracts

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0046.html>

http://www.csa.com/ids70/serials_source_list.php?db=corrosion-set-c&SID=ilpdmlb9fmsq2oadpt17vjn5b5

5. THOMSON SCIENTIFIC-DIALOG - Materials Business File

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0269.html>

http://www.csa.com/ids70/serials_source_list.php?db=mbf-set-c&SID=pn3h9atj0jkhve6fe7486v6sm1

6. THOMSON SCIENTIFIC-DIALOG - Engineered Materials Abstracts

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0293.html>

http://www.csa.com/ids70/serials_source_list.php?db=emaclust-set-c&SID=7catd814krqv4h6jm080ilj544

7. THOMSON SCIENTIFIC-DIALOG - CSA Aerospace & High Technology Database

<http://scientific.thomson.com/products/>

<http://library.dialog.com/bluesheets/html/blf.html>

<http://library.dialog.com/bluesheets/html/bl0108.html>

- http://www.csa.com/ids70/serials_source_list.php?db=hightech-set-c&SID=ptul1krb6912e0ik3gt3oc21s1
8. **THOMSON SCIENTIFIC-DIALOG - CSA Technology Research**
<http://scientific.thomson.com/products/>
<http://library.dialog.com/bluesheets/html/blf.html>
<http://library.dialog.com/bluesheets/html/bl0023.html>
http://www.csa.com/ids70/serials_source_list.php?db=techresearch-set-c&SID=2f902jrttjtslb3smciadjt54
9. **THOMSON SCIENTIFIC-DIALOG - METADEX®**
<http://scientific.thomson.com/products/>
<http://library.dialog.com/bluesheets/html/blf.html>
<http://library.dialog.com/bluesheets/html/bl0032.html>
http://www.csa.com/ids70/serials_source_list.php?db=metadex-set-c&SID=b9vrj2qcistvhcc9b6f4erj3p5
10. **CSA - Cambridge Scientific Abstracts - CSA Engineered Materials Abstracts, Ceramics**
http://www.csa.com/ids70/serials_source_list.php?db=ema-ceramics-set-c
11. **CSA - Cambridge Scientific Abstracts - CSA Composites Industry Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=ema-composites-set-c
12. **CSA - Cambridge Scientific Abstracts - CSA Earthquake Engineering Abstracts**
http://ca1.csa.com/ids70/serials_source_list.php?db=earthquake-set-c&SID=96el3shb1ru27m2cnfjgg85ph1
13. **CSA - Cambridge Scientific Abstracts - CSA Advanced Polymers Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=ema-polymers-set-c&SID=rc4atclmb1knsphgj6n8s54jo1
14. **CSA - Cambridge Scientific Abstracts - CSA Computer and Information Systems Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=computer-set-c&SID=m6je72im54p0ias55q4fj9kuq0
15. **CSA - Cambridge Scientific Abstracts - CSA Engineering Research Database**
http://www.csa.com/ids70/serials_source_list.php?db=engineering-set-c&SID=ujorfiusclodeugiq6t0s2trm4
16. **CSA - Cambridge Scientific Abstracts - CSA Mechanical & Transportation Engineering Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=mecstrans-set-c&SID=c4fg6rpjg3v5nmn09k2kml
17. **CSA - Cambridge Scientific Abstracts - CSA / ASCE Civil Engineering Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=civil-set-c&SID=993r92flee7q06sh7darijujr5
18. **CSA - Cambridge Scientific Abstracts - CSA Electronics and Communications Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=electronics-set-c
19. **CSA - Cambridge Scientific Abstracts - CSA Solid State and Superconductivity Abstracts**
http://www.csa.com/ids70/serials_source_list.php?db=solid-state-set-c
20. **CSA - Cambridge Scientific Abstracts - CSA Copper Data Center Database**
http://www.csa2.com/ids70/serials_source_list.php?db=copper-set-c
21. **The Welding Institute - Library Catalogue**
<http://iguana.twi.co.uk/cgi-bin/ntxcgi.exe>
22. **British Library- Integrated Catalogue**
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(e) Inventions;

Not appropriate

(f) R&D and innovative projects (contract/grant);

f.1. –National R&D and innovative projects

1. *Tehnologii inovative si ecologice de procesare a materialelor avansate, prin frecare cu element activ rotitor – TIPMAV*, CEEX-MEC, MATNANTECH, 66/2006, 2006-2008, (team member).
2. *Cercetari fundamentale si aplicative privind realizarea bronzurilor CuNiAl destinate reconditionarii elicelor navale - ELNAV*, CEEX-MEC, RELANSIN 327/2006, 2006-2008, (team member).
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, (team member).
4. *Verificarea Experimentală prin Metoda Termografierii a Distribuției Temperaturilor în Îmbinările Sudate Eterogene*, Contract 34672/24.06.2005, CNCSIS, cod 1021, tema 4, (team member).
5. *Modelarea cu Elemente Finite a Transferului Termic în Îmbinările Sudate Eterogene*, Contract 33334/2004, CNCSIS, cod 1021, tema 3, (team member).
6. *Soluții analitice pentru predicția temperaturilor în îmbinările sudate*, Contract 41273/2003, CNCSIS, cod 1021, tema 1, (team member).
7. *Nouă tehnologie de montaj a asamblărilor cu strângere directă pentru echipamente siderurgice și navale - Cercetări privind utilizarea asamblărilor cu strângere realizate hidrostatic în industria navală*, Contract nr. 33251/2003, CNCSIS, cod 379 tema 4, 2003, (team member).
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f.2. - International R&D and innovative projects

1. *Optimization of solid state friction joining and processing - Friction Stir Processing* – project no. 1146, Instituto Superior Tecnico, Lisbon, Portugal, 2005, individual grant.
2. *Statistical Indicators for Benchmarking the Information Society– SIBIS, FP5-IST ACM IST-2000-26276* CE-Germany, 2002-2003, (team member).
3. *Analysis and Comparative Study on construction inspection job performance regulations. European comparative study - KNOWLEDGE*, PL/04/F/RF-84152, 2243/001-001 LE2-51OREF, ASM, CE-Poland, 2004-2005, (director - UDJG).
4. *Guidance and Counselling for Self-Employment - SELFEMPLOYMENT*, PL/04/F/RF-84151, 2004-2242/001-001 LE2-51OREF, ASM, CE-Poland 2004-2007, (team member).
5. *Carrier Counselling in Lifelong Learning using New ICT Approach and Tools* – VIRCOUNS, P/04/9/P/PP-159035, CE-Portugal, 2004-2006, (team member).
6. *Empowering Employees to Manage Their Own Outplacement Process - EMOP*, D/03/B/F/PP – 146061, CE-Germany, 2003-2005, (director - UDJG).
7. *Right Person in the Right Job – RIPERIO*, A/02/B/F/PP/124.208, CE-Austria, 2002-2005, (director).
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6. **lordachescu, M.**, Stan, C., lordachescu, D., *Report on fieldwork survey - Vocational training of construction inspectors*, KNOWLEDGE Country Report, PL/04/F/RF-84152, 2243/001-001 LE2-51OREF, ASM, CE-Poland, http://www.construct.ugal.ro/documente/06_ReportonFieldworkSurveyFinal_en.pdf, 2005, 37 pag.
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