



**Curriculum vitae  
Europass**



**Personal information**

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 Nationality Romanian  
 Date of birth 16 January 1950  
 Gender Male

**Desired employment /  
Occupational field**

**Work experience**

Dates	1972-1980
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching and research activities, Manufacturing Engineering Department
Name and address of employer	„Politehnica” University of Timisoara, Square Victoriei nr. 2
Type of business or sector	Higher education
Dates	1980 – 1990
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and research activities, Manufacturing Engineering Department
Name and address of employer	„Politehnica” University of Timisoara, Square Victoriei nr.2
Type of business or sector	Higher education
Dates	1982 – 1983
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and research activities, Mechanical Engineering Department
Name and address of employer	Université des Sciences et Technologies d’Oran, Algeria
Type of business or sector	Higher education
Dates	1990 – 1992
Occupation or position held	Associate Professor and PhD supervisor
Main activities and responsibilities	Teaching and research activities, Manufacturing Engineering Department
Name and address of employer	„Politehnica” University of Timisoara, Square Victoriei nr.2
Type of business or sector	Higher education
Dates	1992 – 2015
Occupation or position held	Professor and PhD supervisor
Main activities and responsibilities	Teaching and research activities, Materials and Manufacturing Engineering Department, Director of the Integrated Engineering Research Center (since 2001)

Name and address of employer	„Politehnica” University of Timisoara, Square Victoriei nr.2
Type of business or sector	Higher education
Dates	1992 – 3 months
Occupation or position held	Visiting Professor
Main activities and responsibilities	Teaching and research activities, Mechanical Engineering Department
Name and address of employer	Institut Universitaire de Technologie de Béthune, France
Type of business or sector	Higher education
Dates	1993 – 3 months
Occupation or position held	Visiting Professor
Main activities and responsibilities	Teaching and research activities, Mechanical Engineering Department
Name and address of employer	Institut Universitaire de Technologie de Béthune, France
Type of business or sector	Higher education
Dates	1999 – 1 month
Occupation or position held	Visiting Professor
Main activities and responsibilities	Teaching and research activities, Informatics Department
Name and address of employer	Université de Pau, France
Type of business or sector	Higher education
Dates	Since Oct. 2015
Occupation or position held	Professor Emeritus
Main activities and responsibilities	Research activities, PhD supervisor, Director of the Integrated Engineering Research Center
Name and address of employer	„Politehnica” University of Timisoara, Square Victoriei nr.2
Type of business or sector	Higher education

### **Education and training**

Dates	1967-1972
Title of qualification awarded	Master Degree Diploma
Principal subjects/occupational skills covered	Manufacturing Engineering
Name and type of organisation providing education and training	“Politehnica” University of Timisoara
Level in national or international classification	Level 7, (ISCED 2011)
Dates	1976-1980
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Manufacturing Engineering, EDM Micro holes manufacture (PhD Thesis)
Name and type of organisation providing education and training	“Politehnica” University of Timisoara
Level in national or international classification	Level 8, (ISCED 2011)

### **Personal skills and competences**

Mother tongue(s)	<b>Romanian</b>
Other language(s)	<b>English, French</b>

Self-assessment <i>European level (*)</i>	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
French	C2	Proficient user DALF	C2	Proficient user DALF	C1	Proficient user DALF	C1	Proficient user DALF	C2	Proficient user DALF

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences	<p>Team Spirit: participation in many national projects (CNCSIS, CEEEX, PN II) and international projects (FP6, Leonardo da Vinci).</p> <p>Capacity to adapt to multicultural environments: experience of work in the universities abroad (1982-1983 in Algeria, 1992, 1993 and 1999 – in France, 1997-2005, co-PhD supervisor in France)</p> <p>Communication capacity, obtained because of teaching experience</p>
Organizational skills and competences	<p>Director of the Integrated Engineering Research Centre, “Politehnica” University of Timisoara (since 2001)</p> <p>Project manager of the national research projects: CNCSIS (1997-2004), CEEEX (2006-2008)</p> <p>Project manager of the international projects UPT partner: FP6 (2004-2008), Leonardo da Vinci (2008-2012)</p> <p>Trainer certified by the European Certification &amp; Qualification Association (ECQA), in the fields:</p> <ul style="list-style-type: none"> <li>- Integrated Design Engineer (2010)</li> <li>- Researcher Entrepreneur (2011)</li> <li>- Business Process Manager (2012)</li> </ul>
Technical skills and competences	<p>Teaching field (license, master):</p> <ul style="list-style-type: none"> <li>- Manufacturing Engineering</li> <li>- Electrical Discharge Machining</li> <li>- Simultaneous Engineering</li> <li>- Integrated Design</li> <li>- Process planning</li> <li>- Project Management</li> <li>- Machines Tools</li> <li>- CAD/CAM</li> </ul> <p>Research field:</p> <ul style="list-style-type: none"> <li>- Industrial engineering</li> <li>- Conceptual design</li> <li>- Integrated collaborative design and manufacturing</li> <li>- Product lifecycle management</li> <li>- Educational management</li> </ul>
Computer skills and competences	<p>Windows, MS Office, Internet</p> <p>Conceptual Design software, CAD/CAM, PDM/PLM software</p> <p>Project Management software</p>
Other skills and competences	<p>Drawing, painting, architecture</p>
Driving license	<p>Category B</p>
<b>Additional information</b>	<p>PhD supervisor in Industrial Engineering field, since 1990 (15 PhD thesis completed, 2 PhD thesis in progress)</p> <p>Reporter for 34 PhD thesis (4 in France)</p> <p>Member in 9 professional-scientific associations (3 European associations):</p> <ul style="list-style-type: none"> <li>- Romanian Robotics Association (ARR), since 1993</li> <li>- Romanian Non-conventional Technologies Association (ARTN), since 1994</li> <li>- Romanian Mechatronics Association (SROMECA), since 1997</li> <li>- Romanian Concurrent Engineering Society (SROCE), since 1998</li> <li>- Academic Manufacturing Engineering Association (AUIF), Romania, since 2003 – Executive Board</li> <li>- European Manufacturing and Innovation Research Association, a cluster leading excellence (EMIRAcle), since 2008</li> <li>- European TRIZ Association (ETRIA), since 2009 - Executive Board</li> <li>- European Certification &amp; Qualification Association (ECQA), since 2009</li> </ul>

- Modern Manufacturing Technologies Association (ModTech), Romania, since 2010
- Member in 95 scientific committees, program committees and organizing committees for international conferences:
- a) *Abroad:*
- Conference on Management of Innovative Technologies MIT, Piran, Slovenia, 2001
  - International Conference on Modern Technologies, Quality and Restructuration TMCR, Chisinau, Republic Moldova, 2003, 2005, 2006, 2007
  - International CIRP Design Seminar, Grenoble, France, 2003
  - VIDA International Conference, Poznan, Poland, 2004, 2005, 2007
  - International Conference on Integrated Design and Manufacturing in Mechanical Engineering IDMME, Grenoble-France 2006, Beijing-China 2008
  - International Seminar Engineering Design in Integrated Product Development EDIProD, Gdynia - Jurata, Poland, 2008
  - International Conference Modern Technologies, Quality and Innovation, ModTech, Chisinau, Rep. Moldova, 2009, 2011
  - CIRP Conference on Manufacturing Systems, Grenoble, France, 2009
  - International Scientific Conference MANUFACTURING, Poznan, Poland, 2010
  - ETRIA World TRIZ Future Conference, Bergamo-Italy 2010, Dublin-Ireland 2011, Lisbon-Portugal 2012, Paris-France 2013, Lausanne-Suisse 2014, Berlin – 2015,
  - International Conference Modern Technologies in Industrial Engineering (ModTech), Gliwice, Poland, 2014
  - International Conference on Advanced Education Reform and Management Innovation (AERMI) 2014 - Tianjin, China
  - International Conference on Industrial, Mechanical and Manufacturing Science (ICIMMS) 2014 - Tianjin, China
  - Conference on Innovative Manufacturing Engineering (IManE), Chisinau, Rep. Moldova, 2014, Kallitheas, Chalkidiki, Greece - 2016
  - International Conference on Project MANAGEMENT ProjMAN 2014 - Troia, Portugal, 2015 - Vilamoura, Portugal, 2016 - Porto, Portugal, 2017 - Barcelona, Spain
  - MakeLearn and TIIM Joint International Conference, Bari, Italy – 2015, Lublin, Polonia - 2017
- b) *In Romania:*
- International Conference on Manufacturing Systems ICMaS, Bucharest 2002, 2004, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016
  - Annual conference IMT Oradea, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
  - International Conference TEHNO Timisoara, 2003
  - International Conference on Manufacturing Science and Education Challenges of the European Integration MSE Sibiu, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017
  - International Conference on Computing and Solutions in Manufacturing Engineering - CoSME Brasov, 2004, 2008, 2012, 2016
  - Conference on Management of Innovative Technologies MIT, Constanta, 2004
  - International Conference of Nonconventional Technologies, Iasi, 2007
  - Balkan Region Conference on Engineering Education, Sibiu, 2007, 2015
  - International Conference on Modern Technologies, Quality and Restructuration TMCR, Iasi 2008,
  - International Symposium e\_CEL3, Spiru Haret University, Brasov, 2008
  - International Conference New Technologies in Manufacturing NEWTECH, Galati, 2009
  - International Conference on Polymers Processing in Engineering, Galati, 2009
  - International Conference of Mechanical Engineering ICOME, Craiova, 2010, 2013
  - International Conference of Industrial Engineering OPROTEH, Bacau, 2013, 2015
  - International Conference Modern Manufacturing Technologies (ModTech), Slanic Moldova 2010, Sinaia 2012, Sinaia 2013, Mamaia 2015
  - Conference on Innovative Manufacturing Engineering (IManE) Iasi, 2013, 2015, 2017
  - MakeLearn and TIIM Joint International Conference, Timisoara 2016
  - Management and Innovative Technologies (MIT) Conference Sinaia 2017
- Chair of the organizing committees for 4 international conferences:
- International Conference on Integrated Engineering (C2I), Timisoara, 2002, 2005, 2008
  - ETRIA World TRIZ Future Conference, Timisoara, 2009
- Reviewer for 17 international journals
- a) *Abroad:*
- Concurrent Engineering Research and Application Journal, Technomic Publishing

- Journal of Decision Systems, Taylor & Francis
- International Journal of Simulation Modelling, DAAAM International Vienna
- Transactions of FAMENA, University of Zagreb
- International Journal of Product Development, Inderscience Publishers
- Archives of Mechanical Technology and Automation, Poznan University of Technology
- Global Perspective on Engineering Management, The World Academic Publishing Co., Ltd
- Journal of Process Mechanical Engineering <http://pie.sagepub.com/>
- b) In Romania
  - Academic Journal in Manufacturing Engineering, Politehnica Publisher Timisoara
  - Acta Universitatis Cibiniensis, University „Lucian Blaga” din Sibiu
  - Annals of the Oradea University. Fascicle of Management and Technological Engineering
  - Journal Proceedings in Manufacturing Systems, U.P. Bucharest
  - International Journal of Modern Manufacturing Technologies, Iasi
  - Annals of „Dunărea de Jos” University Galati. Fascicle V, Technologies in Machine Building
  - Review of Management and Economic Engineering, Cluj-Napoca
  - Scientific Bulletin Universitatea din Pitești, AUTOMOTIVE series, [www.automotive.upit.ro](http://www.automotive.upit.ro) (Materials, technologies and management techniques in the automobile industry)
  - Buletin științific, Seria C, Fascicola Mecanică, Tribologie, TCM, UT din Cluj-Napoca, CU Nord din Baia Mare, Facultatea de Inginerie, Ed. UTPress Cluj-Napoca

Reviewer for 7 books

Publishing activity:

- 15 papers in international journals (2 indexed by ISI Thomson)
- 81 papers in national journals (15 indexed by International Data Bases)
- 122 papers in international conferences proceedings (33 indexed by ISI Thomson, 18 indexed by International Data Bases)
- 56 papers in national conferences proceedings
- 10 book chapters in international publishers (Springer, Idea Group Reference, IGI Global)
- 10 books in national publishers
- 10 books in universities publishers (4 in Algeria and France)
- 5 practical guides in universities publishers (3 in Algeria and France)
- 10 patents (1 indexed by ISI Thomson)

**Annex** List of relevant publications

Data: March, 14, 2017



## LIST OF RELEVANT PUBLICATIONS

## A. ARTICLES PUBLISHED IN:

## A1. International Journals

1. Draghici, A., **Draghici, G.**, Izvercianu, M., Riel, A., Tichkiewitch, S. and Messnarz, R. - Qualification and Certification of Research-Entrepreneur Skills Using the ECQA Platform, *Communications in Computer and Information Science*, 2010, vol. 110 (Part 2), Springer, ISSN 1865-0929, ISBN: 3642164188; 978-364216418-7, DOI: 10.1007/ISSN: 978-3-642-16419-4\_25, pp. 249-258 (ISI Web of Knowledge, Scopus, SprigerLink, BIBTEX, LNCS, IEEE, ACM)
2. Riel, A., Draghici, A., **Draghici, G.**, Grajewski, D. and Messnarz, R.. Process and product innovation needs integrated engineering collaboration skills. *Journal of Software: Evolution and Process*, Volume 24, Issue 5, August 2012, John Wiley & Sons, Ltd., DOI: 10.1002/smr.497, Online ISSN: 2047-7481, pp. 551-560 (ISI Journal Citation Reports © Ranking: 2011: 56/103 Computer Science Software Engineering, Impact Factor: 0.844, Scopus)
3. Draghici A., **Draghici G.**, Olariu C., Canda A. (2012). A Way to Support SPI Strategy through CertiBPM Training and Certification Program in Romania, *Communications in Computer and Information Science*, 2012, Volume 301, Part 7, Part 3, ISSN: 1865-0929, ISBN: 978-3-642-31198-7, DOI: 10.1007/ISSN: 978-3-642-31199-4, © Springer-Verlag Berlin Heidelberg 2012, pp. 276-287 (ISI Web of Knowledge, Scopus, Springer Link)
4. Draghici A., **Draghici G.** (2013). Cross-Disciplinary Approach for the Risk Assessment Ontology Design, *Information Resources Management Journal*, 26(1), 37-53, January-March 2013 (COMPENDEX, INSPEC; SCOPUS; Ulrich's Periodicals Directory)

## A2. Romanian Journals

1. Drăghici A., Niemann J., **Drăghici G.**, Banciu F. - National Virtual Team's Management and Development. The Case of Romanian Research Network – INPRO, *Review of Management and Economical Engineering*, Vol.6, nr.2A (23), 2007, Editura Toderescu, Cluj-Napoca, ISSN 1583-624X, pp.5-18 (Ulrich's Periodicals Directory)
2. **Drăghici G.**, Drăghici A., Riel A., Tichkiewitch S., Messnarz R. - Education Qualification and Certification of Integrated Design Engineers, *Review of Management and Economical Engineering*, Vol. 8, Nr. 1A (31), 2009, Editura Toderescu, Cluj-Napoca, ISSN:1583-624X, pp.53-61 (ULRICH'S Periodicals Directory, EBSCO Business Source(r) Complete database, Copernicus)
3. **Drăghici G.**, Drăghici A., Riel A., Messnarz R., Vajde-Horvath R. - Opportunities for the European Certification of the Integrated Designer and Entrepreneur Professions, *Annals of the Oradea University, Fascicle of Management and Technological Engineering*, vol. IX (XIX), nr.1, 2010, ISSN 1583-0691, pp. 4.139-4.148 (Ulrich's, ICAAP)
4. Banciu F., **Drăghici G.** – A New Functional Analysis Approach, *Proceedings of the Annual Session of Scientific Papers IMT Oradea 2011, Extended Abstracts*, ISBN 978-606-10-0128-6, pp. 5.3, *Annals of the Oradea University, Fascicle of Management and Technological Engineering*, vol. X (XX), nr.1, 2011, ISSN 1583-0691, pp. 5.9-5.14 (Ulrich's, ICAAP)
5. Tiuc D., **Drăghici G.**, Effort Estimation in Quotation Phase of Complex Projects Development (plenary session), *Proceedings of the Annual Session of Scientific Papers IMT Oradea 2014, Extended Abstracts*, ISBN 978-606-10-0128-6, pp. 293-298, *Annals of the Oradea University, Fascicle of Management and Technological Engineering*, CD-ROM Edition, vol. XIII (XXIII), Nr. 1, 2014, ISSN 1583-0691, pp. 243-248 (CNCSIS B+, Ulrich's, ICAAP)
6. Banciu F., **Drăghici G.**, A General Approach to the Product Conceptual Design Phase, *Annals of the Oradea University, Fascicle of Management and Technological Engineering*, vol. XI (XXI), Nr. 1, 2012, ISSN 1583-0691, pp. 4.5-4.9 (Ulrich's, ICAAP)
7. D. Tiuc, **G. Drăghici**, "TRIZ Methodology Applied in D-FMEA Prevention and Detection Actions", *Academic Journal of Manufacturing Engineering*, Romania, 2015, vol 13//2015 Issue 3 (Index Copernicus)

## A3. International Conferences Proceedings

1. Draghici A., Mocan M., **Draghici G.**, On-Line Training and Certification Solution for Business Process Managers, in M.M. Cruz-Cunha et al. (Eds.): ENTERprise Information Systems - *Communications in Computer and Information Science*, 2011, Volume 219, Part 5, © Springer, pp.380-389, DOI: 10.1007/ISSN: 978-3-642-24358-5\_38 (ISI Web of Knowledge, BDI: Scopus, SprigerLink, Google S, ARC Rank C)
2. Orită, A., **Drăghici G.** & Repetti P., Methodology of Definition of Delivery Requirements, *ModTech International Conference - New face of TMCR, Modern Technologies, Quality and Innovation - New face of TMCR*, 25-27 May 2011, Vadul lui Voda-Chisinau, Republic of Moldova, ISSN 2069-6736, p.793-796 (BDI: Google S)
3. Orită, A., **Drăghici G.**, Beney J.-L. & Repetti P., Using TRIZ to find Alternatives Solutions, *ModTech International Conference - New face of TMCR, Modern Technologies, Quality and Innovation - New face of TMCR*, 25-27 May 2011, Vadul lui Voda-Chisinau, Republic of Moldova, ISSN 2069-6736, p.789-79)
4. Banciu F., **Drăghici G.**, Pămîntaş E. & Turc C., Product Functions Definition in Systematic Design and Axiomatic Design Approaches, *ModTech International Conference - New face of TMCR, Modern Technologies, Quality and Innovation - New face of TMCR*, 25-27 May 2011, Vadul lui Voda-Chisinau, Republic of Moldova, p.57-60 (BDI: Google S)
5. Draghici A., **Draghici G.**, Rozman T., Vajde-Horvat R., ECQA Support for Business Process Manager Training and Certification, *Proceedings of the Management, Knowledge and Learning (MakeLearn) International Conference 2011, Celje, Slovenia*, 22-24 June 2011, ISBN: 978-961-92486-3-8, ISSN 2232-3309, pp. 235-238 (BDI: Google S)
6. Draghici A., Prostean G. I., Mocan M. L., **Draghici G.**, State of Business Process Management in Companies from Romania West Region, *MANAGEMENT OF TECHNOLOGICAL CHANGES, BOOK 2, Proceedings of the 7th International Conference on the Management of Technological Changes*, 1-3 September 2011, Alexandroupolis, vol.2, Democritus University of Thrace, Greece, ISBN: 978-960-99486-3-0, pp. 501-504 (ISI Web of Knowledge)

7. Banciu F., **Draghici G.**, Holistic Model for Innovative Product Design, Proceedings of the 2011 International Conference on Instrumentation, Measurement, Circuits and Systems, ICIMCS 2011, Volume 3, December 12-13, 2011, Hong Kong, ASME Press, ISBN: 978-0-7918-5990-2, pp.117-120 (ISI Web of Knowledge, SCOPUS, COMPENDEX)
8. Draghici A., Dragoi G., Rosu S.M., Cotet C.E., **Draghici G.**, Knowledge Applications Solutions at the SME Level in the e-Enterprise Business Intelligence, Proceedings of the 2011 International Conference on Instrumentation, Measurement, Circuits and Systems, ICIMCS 2011, Volume 3, December 12-13, 2011, Hong Kong, ASME Press, ISBN: 978-0-7918-5990-2, pp.121-124 (ISI Web of Knowledge, BDI: SCOPUS, COMPENDEX)
9. Draghici A., **Draghici G.**, Olariu C., Canda A. (2012). A Way to Support SPI Strategy through CertiBPM Training and Certification Program in Romania, 19<sup>th</sup> EuroSPI<sup>2</sup> Conference, 25-27 June 2012, Viena, Systems, Software and Services Process Improvement, in Communications in Computer and Information Science, 2012, Volume 301, Part 7, Part 3, ISSN: 1865-0929, ISBN: 978-3-642-31198-7, DOI: 10.1007/ISSN: 978-3-642-31199-4, © Springer-Verlag Berlin Heidelberg 2012, 276-287 (ISI Web of Knowledge, BDI: SCOPUS, Springer Link)
10. Aldea C.C., Popescu A.-D., Draghici A., **Draghici G.** (2012). ICT Tools Functionalities Analysis for the Decision Making Process of their Implementation in Virtual Engineering Teams, CENTERIS 2012 - Conference on ENTERprise Information Systems, SciVerse Science Direct, Elsevier, Procedia Technology, Volume 5, 2012, Pages 649–658, ISSN 2212-0173, DOI: 10.1016/j.protcy.2012.09.072 (ISI Web of Knowledge, BDI Elsevier ScienceDirectOGITO).
11. Draghici A., **Draghici G.**, Olariu C., Canda A. (2012). ICT Infrastructure Created to Support CertiBPM Project and Training Program, CENTERIS 2012 - Conference on ENTERprise Information Systems, SciVerse Science Direct, Procedia Technology, Volume 5, 2012, Elsevier, Pages 527-536, ISSN 2212-0173, DOI: 10.1016/j.protcy.2012.09.058 (ISI Web of Knowledge, BDI Elsevier ScienceDirect)
12. Draghici A., **Draghici G.**, Olariu C., Canda A. (2012). Romanian Market Acceptance for Business Process Management Skills Development, CENTERIS 2012 - Conference on ENTERprise Information Systems, SciVerse Science Direct, Elsevier, Procedia Technology, Volume 5, 2012, Pages 537–546, ISSN 2212-0173, DOI: 10.1016/j.protcy.2012.09.059 (ISI Web of Knowledge, BDI Elsevier ScienceDirect)
13. Ștef D., **Drăghici G.**, Florica S. (2012). Design Process Modelling. Proceedings of the 5th International Symposium on Industrial Engineering SIE 2012, June 14-15, 2012, Belgrade, ISBN 978-86-7083-758-4, p. 47-52
14. Florica S.-C., **Draghici G.** (2012). Integrated Product Development in Multisite PLM Platform, Proceedings of the 7th European Conference on Innovation and Entrepreneurship (ECIE), VOLS 1 AND 2, pag. 235-244, Instituto Politécnico de Santarém, Escola Superior de Gestão e Tecnologia, Portugal, 20-21 September 2012, ISBN: 978-1-908272-67-6, WOS:000321565500028 (ISI Web of Science, BDI: RG, Google Scholar)
15. Aldea C.C., Popescu A.-D., Draghici A., **Draghici G.**, Information technology solution for a collaborative environment dedicated to project virtual teams, Proceedings of the 14th International Conference on Modern Information Technology in the Innovation Processes of Industrial Enterprises MITIP 2012, Budapest, Hungary, October 24–26, 2012, ISBN 978-963-311-373-8, pp. 595-604
16. Ștef I.D., **Draghici G.**, Draghici A. (2013). Product design process model in the Digital Factory context, CENTERIS 2013 - Conference on ENTERprise Information Systems / ProjMAN 2013 - International Conference on Project MANagement, Procedia Technology, Volume 9, 2013, SciVerse Science Direct, Elsevier, ISSN 2212-0173, Pages 451-462 <http://www.sciencedirect.com/science/article/pii/S2212017313002041> (indexed in: SCOPUS, ScienceDirect, Google Scholar)
17. Draghici A., **Draghici G.** (2013). Lessons learned for ECQA LLP-LdV projects' management, CENTERIS 2013 - Conference on ENTERprise Information Systems / ProjMAN 2013 - International Conference on Project MANagement, Procedia Technology, Volume 9, 2013, SciVerse Science Direct, Elsevier, ISSN 2212-0173, Pages 876-885 (indexed in: SCOPUS, ScienceDirect, Google Scholar)
18. Draghici A., Fistis G., Sirbu R., **Draghici G.**, Leadership in Sustainability - An Opportunity for Green Skills Development in Romania, Management, Proceedings of the Knowledge and Learning (MakeLearn) 2014 International Conference, Portorož, Slovenia, 25-27.6.2014
19. Banciu F.V., **Drăghici G.**, Pămîntaş E. - Using Functional Requirements Formulation in Fault Tree Analysis Construction - a Way to Improve Product's Design, 18th Innovative Manufacturing Engineering Conference 2014 (IManE 2014), May 29-30, Chisinau, Republic of Moldova, in Engineering Solutions and Technologies in Manufacturing, Book Series: Applied Mechanics and Materials Vol. 657 (2014) pp. 911-915 © (2014) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/AMM.657.911, WOS: 000348898000178, ISSN print 1660-9336 ISSN cd 1660-9336 ISSN web 1662-7482 (indexed in: ISI web of science)
20. Tiuc, D.; **Draghici, G.** - Quality Project Plan Documentation Analysis in Automotive Industry, International Conference on Power Electronics and Energy Engineering (PEEE 2015), Hong Kong, PEOPLES R CHINA, APR 19-20, 2015, DESTECH PUBLICATIONS, INC, 439 DUKE STREET, LANCASTER, PA 17602-4967 USA, Pages: 94-97, ISBN:978-1-60595-256-7, WOS: 000363778400022, IDS Number: BD8BR (indexed in: ISI web of science)

#### A4. Conferences Proceedings in Romania

1. **Drăghici G.**, Drăghici A., Riel A., Tichkiewitch S., Grajewski D., Messnarz R. - Opportunities for the European Certification of the Integrated Designer Profession (plenary session), *Proceedings of the 14<sup>th</sup> International Conference ModTech 2010*, 20-22 May 2010, Sîlnic Moldova, Romania, ISSN 2066-3919, pp. 259-262 (ISI Web of Knowledge, Web of Science® – with Conference Proceedings)
2. Ștef D., Florica S., **Drăghici G.**, Platform for Integrated Product Design and Manufacturing, Proceedings of the 5<sup>th</sup> International Conference on Manufacturing Science and Education - MSE 2011, Vol. I, Sibiu, June 2-5, 2011, Romania, ISSN 1843-2522, pp.153-156
3. Draghici A., Foldvary-Schramko H.-K., **Draghici G.**, Researches for Knowledge Management Characterization in Engineering Education, Proceedings of the 5<sup>th</sup> International Conference on Manufacturing Science and Education - MSE 2011, Vol. II, Sibiu, June 2-5, 2011, Romania, ISSN 1843-2522, pp.139-143
4. Draghici A., **Draghici G.**, Riel A., Tichkiewitch S., Reseach Entrepreneurship Development – A Possible Solution at the European Level, Proceedings the 5<sup>th</sup> International Conference on Manufacturing Science and Education - MSE 2011, Vol. II, Sibiu, June 2-5, 2011, Romania, ISSN 1843-2522, pp.135-138
5. Banciu F., **Drăghici G.**, Pămîntaş E. and Grozav I., Identify Functions, Failure Modes, Causes and Effects using the TRIZ Functional Modeling, Proceedings of the 5<sup>th</sup> International Conference on Manufacturing Science and Education - MSE 2011, Vol. I, Sibiu, June 2-5, 2011, Romania, pp.265-268, ISSN 1843-2522

6. Banciu F., **Drăghici G.**, Product Functional Decomposition in Axiomatic and Systematic Design, *Proceedings of the 16<sup>th</sup> International Conference ModTech 2012*, vol. I, 24-26 May 2012, Sinaia, Romania, ISSN 2069-6736, pp. 73-76 (BDI: Google S)
7. Banciu F., **Drăghici G.**, A New Functional Approach to Support FMEA Method in Product Conceptual Design, *Proceedings of the 16<sup>th</sup> International Conference ModTech 2012*, vol. I, 24-26 May 2012, Sinaia, Romania, ISSN 2069-6736, pp. 77-80
8. Draghici A., Albuiescu C.T., Olariu C., **Draghici G.**, Improving Business Process Management in Manufacturing – A Certification and Qualification Model, *Proceedings of the 16<sup>th</sup> International Conference ModTech 2012*, vol. I, 24-26 May 2012, Sinaia, Romania, ISSN 2069-6736, pp. 325-328
9. Florica S.C., Ștef D., **Draghici G.**, Aldea C.C., About PLM and Platforms for Integrated Design and Manufacturing Process, *Proceedings of the 16<sup>th</sup> International Conference ModTech 2012*, vol. I, 24-26 May 2012, Sinaia, Romania, ISSN 2069-6736, pp. 385-388
10. Draghici A., **Draghici G.**, Olariu C., Canda A., Proposal for the Romanian Master Programs International Recognition through CertiBPM Initiative, *Proceedings of the 7th International Conference Quality Management in Higher Education – QMHE 2012*, Iași, 16-17 noiembrie, ISBN 978-3-85403-291-5, pp. 383-390
11. Draghici A., **Draghici G.**, Tamasila M., Research Approaches for Entrepreneurship Development in High Education, *Proceedings of the 7th International Conference Quality Management in Higher Education – QMHE 2012*, Iași, 16-17 noiembrie, ISBN 978-3-85403-291-5, pp. 405-410
12. Banciu F.V., **Draghici G.** and Turc C. (2013). A Point of View on Functional Approaches Used in Product Design, 17th International Conference on Innovative Manufacturing Engineering, Iasi, ROMANIA, MAY 23-24, 2013, in INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials Vol. 371 (2013) pp. 807-811 © (2013) Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/AMM.371.807, WOS:000334556900156, ISSN: 1660-9336, ISBN-13: 978-3-03785-786-1 (indexed in: ISI Web of Science, SCOPUS, Google S)
13. Oriță A., **Draghici G.**, Beney J.-L. (2013). Use of Ontological Classes in the Exploration of User Needs, 17th International Conference on Innovative Manufacturing Engineering, Iasi, ROMANIA, MAY 23-24, 2013, in INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials Vol. 371 (2013) pp. 847-851 © (2013) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/AMM.371.847, WOS:000334556900164, ISSN: 1660-9336, ISBN-13: 978-3-03785-786-1 (indexed in: ISI Web of Science, SCOPUS, Google S)
14. Florica S.-C., **Draghici G.** (2013). Integrated Product Development using different Collaborative Tools in a PLM Multisite Platform, 17th International Conference on Innovative Manufacturing Engineering, Iasi, ROMANIA, MAY 23-24, 2013, in INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials Vol. 371 (2013) pp. 867-871 © (2013) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/AMM.371.867, WOS:000334556900168, ISSN: 1660-9336, ISBN-13: 978-3-03785-786-1 (indexed in: ISI Web of Science, SCOPUS, Google S)
15. **Draghici G.** – A Point of View on Education in Integrated Product Design, *Proceedings of the 6<sup>th</sup> International Conference on Manufacturing Science and Education - MSE 2013*, June 12-15, 2013, Sibiu, Romania, ISBN 1843-2522, pp. 457-460
16. Felicia Banciu, George **Draghici** - Product Functional Decomposition in Axiomatic and Systematic Design, 5th International Conference on Advanced Materials and Structures - AMS '13, Timisoara, 24 - 25 October 2013 (BDI: Google S)
17. Banciu F.V., **Drăghici G.**, Pămîntaş E. - An Axiomatic Design View on Part Orientation Schemes, 5th International Conference on Advanced Materials and Structures - AMS '13, Timisoara, 24 - 25 October 2013, ADVANCED MATERIALS AND STRUCTURES V Book Series: Solid State Phenomena Vol. 216 (2014) pp 310-315, Online available since 2014/Aug/18 at [www.scientific.net](http://www.scientific.net) © (2014) Trans Tech Publications, Switzerland DOI:10.4028/www.scientific.net/SSP.216.310 ISSN: 1662-9779 (indexed in: ISI Web of Science)
18. **Drăghici G.** - Infrastructure for Integrated Collaborative Product Development in Distributed Environment, 7th International Conference on Advanced Manufacturing Technologies - ICAMaT 2014 (23-24 October 2014), Bucharest, Applied Mechanics and Materials Vol. 760 (2015) Book Series: Advanced Technologies in Designing and Progressive Development of Manufacturing Systems. © (2015) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.760.9
19. TIUC Daniel, **DRAGHICI George**, PARVU Alina and ENACHE Bianca - Consideration about the Determination and Control of the Key Characteristics as Part of Planning Quality of the Product Development Process (**Awards Section L: Product Quality and Design**), IManE 2015 International Conference, May 21-22, 2015, Iasi-Romania, Applied Mechanics and Materials Vols. 809-810 (2015) pp 1269-1274, © (2015) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.809-810.1269 (indexat BDI: EBSCO)
20. Tiuc D., **Draghici G.** - TRIZ Model Used for Complaint Management in the Automotive Product Development Process, 13TH INTERNATIONAL SYMPOSIUM IN MANAGEMENT: MANAGEMENT DURING AND AFTER THE ECONOMIC CRISIS, Book Series: Procedia Social and Behavioral Sciences Volume: 221 Pages: 414-422, DOI: 10.1016/j.sbspro.2016.05.131, Published: 2016 (indexed in: ISI Web of Science)
21. D. Tiuc, G. Drăghici, "Transition from Predictive to Adaptive Methodologies in the Project Management Lifecycle using TRIZ", *MakeLearn & TIIM 2016*, pp. 257-264 (BDI: Econ paper)

## B. BOOKS

### B1. Books chapters in international publishers

1. Drăghici A., **Drăghici G.**, Building a Knowledge Share Culture in a Virtual Organization. Case Study for VRL-KCiP NoE, Conference on Knowledge Management in Product Development, April 9-11, 2008, Twente, Methods and Tools for Effective Knowledge Life-Cycle-Management, A. Bernard, S. Tichkiewitch (eds.), © Springer 2008, ISBN: 978-3-540-78431-9\_3, pp.45-60
2. **Drăghici G.**, Drăghici A., Multisite PLM Platform: A Collaborative Design Environment, in Enterprise Information Systems Design, Implementation and Management: Organizational Applications, Maria Manuela Cruz-Cunha and Joao Varajao (Eds.), Business Science Reference (an imprint of IGI Global), Hershey • New York, HD30.213.E583 2010, Copyright © 2011 by IGI Global, DOI: 10.4018/978-1-61692-020-3.ch029 ISBN13: 978-1-61692-020-3, ISBN10: 1-61692-020-3, EISBN13: 978-1-61692-021-0, pp.456-475
3. Drăghici A., Izvercianu M., **Drăghici G.**, Virtual Center for Entrepreneurship Development, in Enterprise Information Systems Design, Implementation and Management: Organizational Applications, Maria Manuela Cruz-Cunha and Joao Varajao (Eds.), Business Science Reference (an imprint of IGI Global), Hershey • New York, HD30.213.E583 2010, Copyright © 2011 by IGI Global, DOI: 10.4018/978-1-



4. Drăghici A., **Drăghici G.**, Business Process Management Skills Development: From Training Needs Identification to Market Acceptance, in J.E Varajão, M.M Cruz-Cunha and R. Martinho (Eds.), Improving Organizational Effectiveness with Enterprise Information Systems, Advances in Business Information Systems and Analytics (ABISA) Book Series, Copyright © 2015 by IGI Global, Hershey, Pennsylvania 17033-1240, USA, pp. 262-279 (Database: SCOPUS)

## **B2. Books published in Romania**

1. **Drăghici G.** – Integrated product engineering, Eurobit Publisher, Timisoara, 1999
2. **Drăghici G.**, Brissaud D. - Conception et fabrication de produits mécaniques, Eurobit Publisher, Timisoara, 1999
3. **Drăghici G.**, Brissaud D. - Modélisation de la connaissance pour la conception et la fabrication intégrées, Mirton Publisher, Timisoara, 2000
4. **Drăghici G.** – Manufacturing process planning, Politehnica Publisher, Timisoara, 2005
5. **Drăghici G.** (editor) – Innovative Product Design, Proceedings of the TRIZFuture Conference 2009, Politehnica Publisher, Timisoara, 2009
6. **Drăghici G.**, Manufacture technology, Politehnica Publisher, Timisoara, 2010

## **A. PATENTS**

1. **Drăghici G.**, Moldovan I. - Device for machined holes, Patent RO nr.82973, State Office for Inventions and Trademarks, Bucharest, 1983
2. **Drăghici G.**, Popescu H., Reviczky-Levay A., Sălceanu A. - Device with multiple filiform electrodes by electro-erosion machining of holes, Patent RO nr.92369, State Office for Inventions and Trademarks, Bucharest, 1987
3. **Drăghici G.**, Reviczky-Levay A. - Device for limiting the advance and control the withdrawal of the electrode, Patent RO nr.96811, State Office for Inventions and Trademarks, Bucharest, 1989
4. **Drăghici G.**, Vekas L. - Device for guiding filiform electrodes, Patent RO nr.98765, State Office for Inventions and Trademarks, Bucharest, 1989
5. **Drăghici G.** - Device with multiple filiform electrodes, Patent RO nr.103132, State Office for Inventions and Trademarks, Bucharest, 1992, Multiple wire type electrodes spark machiner controller - has electromagnet and guides with springs, producing multiple short pitch holes, International Patent Classification: B23H-001/08 (ISI Web of Knowledge)

## **B. GRANTS / RESEARCH AND DEVELOPMENT PROJECTS**

### **D1. Grants / international research projects**

1. European Commission, 6<sup>th</sup> Framework Program, contract no. 507487 FP6-NMP2-CT-2004-2008, Project title: Virtual Research Lab for a Knowledge Community in Production (VRL-KCiP), coordinator INP Grenoble, partner UPT (**resp. George Drăghici**)

### **D2. Grants / national research projects**

1. Program Master Doctorate D, cod CNCSIS 55/1997, **Project manager: Prof. George Drăghici.** Project title: Postgraduate and PhD in the field of integrated design, flexible manufacturing system and simultaneous engineering
2. Program Annual A, contract no. 36/1998, theme 31, cod CNCSU 305, nr. 35034/1999, theme 34, cod CNCSIS 594, nr. 36681/2000, theme 26, cod CNCSIS 479, **Project manager: Prof. George Drăghici.** Project title: Development of methods and means of integrated product design, manufacturing processes and systems, integrated production management and quality in order to increase flexibility, responsiveness and competitiveness of enterprises
3. Program Annual A, cod CNCSIS 66/2002, 10/2003, 10/2004, **Project manager: Prof. George Drăghici.** Project title: Innovative, collaborative, and integrated product design
4. Research Excellence Program, Contract no.243/2006-2008, **Project manager: Prof. George Drăghici.** Project title: National Research Network of Integrated Product and Process Engineering, INPRO
5. Research Excellence Program, Contract no.238/2006-2008, Coordinator ICSI Rm. Vâlcea, **Project manager partner UPT: Prof. George Drăghici.** Project title: Network pilot research - experimentation of a new production process based on online fault prediction integrated maintenance and reliability applicable to installations detritiation, CONTENT