



Curriculum vitae Europass



Personal data

Name / Surname **PASCU CRISTINA ILEANA**
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Nationality Romanian
Birth date 25 December 1967
Gender F

Present job Assoc. Prof.
University of Craiova

Professional experience

	Period	1991-1995	1995-2000	2000-2007	2007-present
Occupation or position held		Prep.univ.eng.	Assist. univ.eng.	Assist.Prof.dr.eng.	Assoc.Prof.dr.eng.
Activities and main responsibilities		Education and research activity in Materials Science and Engineering	Education and research activity in Materials Science and Engineering	Education and research activity in Materials Science and Engineering	Education and research activity in Materials Science and Engineering
Employer name and address		Faculty of Mechanics, Craiova	Faculty of Mechanics, Craiova	Faculty of Mechanics, Craiova	Faculty of Mechanics, Craiova

Education and forming

	Period	1986-1991	1996-2000	2004-2005
Obtained qualification / diploma		Dipl.eng. in Mechanical Engineering	Ph.D. diploma in Materials Science and Engineering	Master Degree in Management
Institution name and type		University of Craiova, Faculty of Mechanics	University of Craiova, Faculty of Mechanics, cum laudae qualifying	University of Craiova, The Faculty of Economics

Additional information Research contracts: 1 international (member), 11 national (member), 2 national (coordinator); (annexe)
Published scientific papers: 78 (annexe)
Books: 7 (annexe)

University books: 3 (annexe)

**Aptitudes and personal
competences**

Foreign languages	1. English – very well (write, speak) 2. French – well (write, speak)
Competencies and organizational skills	Organizer of scientific meetings (seminaries, workshops, conferences) up to 200 persons. Communication skills. Team worker.
Competencies and technical skills	User of technical equipments specific to the above mentioned domains
Competencies of using computer	Microsoft XP System: Word, Excel, Powder Point. Electronic systems for communications.
Driving licence	B type

Annexe Lists of publications articles, books, research contracts

Dec. 2012

ANNEXE

**Research contracts: international research: 2 participant
national research contracts: 13
(11-member; 2-coordinator)**

1. Research Project, programul European Cooperation in Science and Technology, COST - MPNS Action MP0903, titlu: NANOALLOY – Nanoalloys as Advanced Materials: From Structure to Properties and Applications COST Action MP0903, Beneficiar: Comisia Europeana; perioada de derulare: 2010-2013 <http://www.nanoalloy.eu>, participant.
2. POSDRU, axa 1, directia 1.2, 2009-2011, Specializarea personalului didactic universitar pentru functia de „Cadru Didactic Supravizor” de practica industriala / tehnologica si cercetare, Beneficiar: Ministerul Educatiei Cercetarii Tineretului si Sportului, participant.
3. Contract nr. 33451/2002, cod CNCSIS 487/tema nr.1/val : 55 mil. Utilizarea tehnicii metalurgiei pulberilor pentru procesarea pseudoaliajelor pe baza de wolfram, cu aplicatii in industria electrotehnica.

Manager of project: Pascu Ileana.

4. Grant nr. 33547/2003, cod CNCSIS 66/tema nr.9/ val. 36 mil. Utilizarea tehnicii metalurgiei pulberilor pentru procesarea pseudoaliajelor pe baza de wolfram, cu aplicatii in industria electrotehnica.

Manager of project: Pascu Ileana.

5. Contract nr. 33547/2003 cod CNCSIS 294/tema 3 val.36 milioane. Materiale sinterizate pe baza de fier utilizabile in constructia lagarelor. Director de proiect : s.l.dr.ing.Teisanu Cristina.
6. Contract nr. 33062/2004 cod 294/ tema nr.6/val. 80 milioane. Materiale sinterizate pe baza de fier utilizabile in constructia lagarelor. Director de proiect : s.l.dr.ing.Teisanu Cristina.
7. Contract nr.663/1999,2000/ cod ANSTI/ poz.A5/ 2000. Modernizarea, eficientizarea si implementarea de tehnologii si echipamente la presarea pseudoaliajelor pe baza de pulberi de wolfram. Director proiect: prof.Dr.ing. Tarata Daniela.
8. Contract nr.7346/2000, tema nr.30/10C/1999, 2000, 2001/cod CNCSIS 3/ 40 mil.Tehnologii si echipamente modulate multifunctionale pentru producerea pieselor din pulberi metalice si ceramice, organizate in sistem flexibil. Director proiect: prof..Dr.ing. Dumitru Constantin.
9. Contract nr. 333/1999, poz. B6. Modernizarea, eficientizarea si implementarea de tehnologii si echipamente la presarea pseudoaliajelor pe baza de pulberi de wolfram. Director de proiect : Conf.Dr.ing. Tarata Daniela.
10. Contract 13C/1999, tema 30, cod CNCSIS 304. Tehnologii si echipamente modulate multifunctionale pentru producerea pieselor din pulberi metalice si ceramice, organizate in sistem flexibil. Director de proiect : Prof.Dr.ing. Dumitru Constantin.
11. Contract 663/10C/1996, tema A15/1997. Pulberi ceramice compozite cu matrice metalica sau ceramica. Materiale noi, ceramice, neferoase, cu destinatii speciale.Director de contract :Prof.Dr.ing.Sever Sontea.
12. Contract 663/10C/1996, tema A15/1998. Pulberi ceramice, compozite cu matrice metalica sau ceramica. Materiale noi, ceramice, neferoase, cu destinatii speciale. Director de contract :Prof.Dr.ing.Sever Sontea.
13. Contract 663/10C/1997, poz. A3/1998, act aditional 333/1999. Compozite cu matrice metalica sau ceramica. Materiale noi.Director de contract : Prof.Dr.ing.Tarata Daniela.
14. Contract 663/10C/1996, pozitia B5. Realizarea si intretinerea unei baze informationale de date pentru proiectarea constructiva si tehnologica a elementelor modulate atasate setului SEM-64. Director de proiect :Conf.Dr.ing. Dragnei Mihai.
15. Contract 663/10C/1997, pozitia A13. Realizarea si intretinerea unei baze informationale de date pentru proiectarea constructiva si tehnologica a elementelor modulate atasate setului SEM-64. Director de proiect :Conf.Dr.ing. Dragnei Mihai.

Published scientific papers: 76

1. **Ileana Pascu**, O. Gingu, P. Rotaru, I. Vida-Simiti, A. Harabor, N. Lupu, Bulk titanium for structural and biomedical applications obtaining by spark plasma sintering (SPS) from titanium hydride powder, Journal of Thermal Analysis and Calorimetry, vol.110, no.3, decembrie 2012,ISSN 1388-6150, ISI Impact factor: 1,61
<http://www.springer.com/chemistry/physical+chemistry/journal/10973>
2. **Ileana Pascu**, Popescu I., **Chips shapes at end-milling of OL37 steel**, Annals of the Oradea University, Fascicle of Management and Technological engineering, vol. XI (XXI), pg.97-102, 2012, BDI: ULRICH'S Periodicals Directory, ICAAP, Intute:
http://www.icaap.org/list_journal.php?action=show_details&journal_id=325,
<http://ulrichsweb.serialsolutions.com/login>, ISSN 1583 - 0691, cota B+ CNCSIS, cod.564, BDI:, site: <http://auo.fmte.rdsor.ro/>
3. Popescu I, **Ileana Pascu**, Specific issues at cutting of aluminium with silicon alloy, Annals of the Oradea University, Fascicle of Management and Technological engineering, vol. XI (XXI), pg.120-127, 2012, BDI: ULRICH'S Periodicals Directory, ICAAP, Intute:
http://www.icaap.org/list_journal.php?action=show_details&journal_id=325,
<http://ulrichsweb.serialsolutions.com/login>, ISSN 1583 - 0691, cota B+ CNCSIS, cod.564, BDI:, site: <http://auo.fmte.rdsor.ro/>
4. Gingu O., Benga G., Olei A., Rotaru P., Mangra M., Ciupitu I., **Pascu Ileana**, Sima G, Wear behaviour of ceramic biocomposites on hydroxiapatite nanopowders, Journal of Process Mechanical Engineering, Impact Factor: 0.520, ISSN 0954-4089, 2011, site: <http://pie.sagepub.com/>
5. **Ileana PASCU**, Al. Stanimir, I. Vida-Simiti Research on the Manufacture of Some Tungsten-Copper Composite after Vacuum Sintering, „Materials Science Forum” journal, edited by Trans. Tech. Publications Ltd, Switzerland, ISSN: 1662-9752, 2011, factor impact: 0,399, site: <http://www.scientific.net/MSF.672>
6. **Ileana Pascu**, Popescu I., Microscopy and surface roughness at end-milling of OL37 steel, , Revista RECENT, Industrial Engineering Journal, ISSN 1582-0246, 2011, categ. B+, BDI: Index Copernicus Journal Master List, ULRICH'S Periodicals Directory:
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5046>
<http://www.ulrichsweb.com/ulrichsweb/>, site: <http://www.recentonline.3x.ro/>.
7. Popescu I, **Ileana Pascu**, Aluminium cutting specific issues, , Revista RECENT, Industrial Engineering Journal, ISSN 1582-0246, 2011, categ. B+, BDI: Index Copernicus Journal Master List, ULRICH'S Periodicals Directory: <http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5046>
<http://www.ulrichsweb.com/ulrichsweb/>, site: <http://www.recentonline.3x.ro/>.
8. **Pascu Ileana**, Gingu, O., Rotaru, P., Sima, G., Study About The Quality Of Ceramic Biocomposites HAP/Ti Obtained By Two Steps Sintering (TSS) Route, World Congress PM'2010, Florence, Italy.
9. **Pascu Ileana**, Stanimir Al., Vida-Simiti I., Study About Activated Sintering Of Pseudoalloys Based On Tungsten Powder, International Congress and Exhibition, EPMA PM2009, Copenhaga, Denmark, ISBN 978-1-899072-29-3, ISI Proceedings, cod ISSN 0032-5899, în baza de date: <http://scientific.thomson.com/products/proceedings>,
10. **Pascu Ileana**, Stanimir Al., Vida-Simiti I. Influence of the Sintering Temperature on the Final Properties of W-Cu-Ni Composites, EURO PM2008 Congress & Exhibition, p.230-235, ISBN 978-1-899072-29-3, ISI Proceedings, în baza de date: <http://scientific.thomson.com/products/proceedings>
11. **Pascu Ileana**, Martin, L., Vida-Simiti, I., Study on the Quality of the Composite Based on Tungsten Powder, International Powder Metallurgy Congress and Exhibition, EPMA PM2007, Toulouse, France, 15-17 octombrie 2007, pag.353-358, ISBN 978-1-899072-29-3, in baza de date <http://www.epma.com>, ISI Proceedings poz.[A64103, cod ISSN 0032-5899], în baza de date: <http://scientific.thomson.com/products/proceedings>,
12. **Pascu Ileana**, Research about Obtaining a New Technology for the Composite WNiCu, The World Congress of Powder Metallurgy PM'2004, vol.4, Viena, Austria, 17-21 octombrie 2004, pag.653-658, 2004, ISBN 1899072 15 2, in baza de date <http://www.epma.com>, ISI Proceedings poz.[A54107, cod ISSN 0032-5899], în baza de date: <http://scientific.thomson.com/products/proceedings>, pagina web: http://scientific.thomson.com/media/misc/2001-2006_unique_conferences.xls.
13. **Pascu Ileana**, Tarata, D., Research into Tungsten Powder Processing, 1998 Powder Metallurgy World Congress and Exhibition, Granada, Spania, 18-21 octombrie 1998, vol.4, pag. 532-537, ISBN 1 899072 09 8, in baza de date <http://www.epma.com>, ISI Proceedings poz.[A6088, cod ISSN 0032-5899], in baza de date <http://scientific.thomson.com/products/proceedings>.

14. D., Tarata, **Pascu Ileana**, Research about some Sintered Parts of Cu-WC System 1998 Powder Metallurgy World Congress and Exhibition, Granada, Spain, 18-21 octombrie 1998, vol.3, pag. 551-555, ISBN 1 899072 09 8, in baza de date <http://www.epma.com>, ISI Proceedings poz.[A6088, cod ISSN 0032-5899], în baza de date: <http://scientific.thomson.com/products/proceedings>
15. **Pascu Ileana**, Ghita, S., Study about obtaining pseudoalloys WNiCu through injection moulding, EURO PM2006 Congress PM in Ghent, New opportunities in a new Europe, 17-21 October 2006, Ghent, Belgia, in baza de date <http://www.epma.com>.
16. **Pascu Ileana**, Technological Transformations In The Manufacturing Of Some WNiCu Pseudoalloys EURO PM2005 Congress PM in Prague, New opportunities in a new Europe, Proceedings, Vol. 2, 2-5 October 2005, Prague, Czech Republic p. 463-468, ISBN 1 899072 15 2, in baza de date <http://www.epma.com>, ISI Proceedings poz.[A54106, cod ISSN 0032-5899], în baza de date: <http://scientific.thomson.com/products/proceedings>,
17. Ivanus, R., **Pascu Ileana**, Creep of Copper-Nickel Mixture Powder-Compacts During the Solid Solution Formation, EURO PM'2003, Valencia, Spain, 23-27 octombrie 2003, vol. II, pag.473-479, ISBN 1 899072 08 X in baza de date <http://www.epma.com>.
18. **Pascu Ileana**, Dumitru, C., Tarata, D., Ivanus, R., Research on the quality of the electric contacts based on tungsten powder performed through isostatic pressing, European Congress on Powder Metallurgy, PM'2001, Nice, Franta, 21-23 octombrie 2001, vol.2, pag.164-169, ISBN 1 899072 08 X, in baza de date <http://www.epma.com>, ISI Proceedings poz. [A15602, cod ISSN 0032-5899], în baza de date: <http://scientific.thomson.com/products/proceedings>.
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21. Ivanus, R., **Pascu Ileana**, Research regarding the obtaining of some new kind of metallic matrix friction materials, European Congress on Powder Metallurgy, EURO PM'2001, Nice, Franta, 21-23 octombrie 2001, vol.1, pag. 77-82, ISBN 1 899072 08 X, ISI Proceedings poz. [A15602, cod ISSN 0032-5899], în baza de date <http://scientific.thomson.com/products/proceedings>.
22. **Pascu Ileana**, Popescu I., Research about roughness for mating members of a cylindrical fine fit after turning with small cutting feeds, Revista RECENT, Industrial Engineering Journal, vol.11.no.3, 2009, ISSN 1582-0246, categ. B+, site: <http://www.recentonline.3x.ro/>.
23. Popescu I., **Pascu Ileana**, Aesthetic surfaces based on epicycloids and orthocycloids, generated by vibro-rolling, Revista RECENT, Industrial Engineering Journal, vol.11.no.3, 2009, ISSN 1582-0246, categ. B+, site: <http://www.recentonline.3x.ro/>.
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27. **Pascu Ileana**, Study about Copper Infiltration at Manufacturing of Hard Material Composite, Revista RECENT, Industrial Engineering Journal, vol.8.no.3a(21a), pag.554-5592, noiembrie 2007, ISSN 1582-0246, categ. B+, site: <http://www.recentonline.3x.ro/>.
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- 32. R., Ivanus, Pascu Ileana**, Influence of sintering temperature to pore morphology and microstructure of Mo-Ni-Cu alloy sintered, Acta Technica Napocensis, Cluj-Napoca, vol. 45, part.II, 2002, pag.551-554, ISSN 1221-5672, categ.B.
- 33. Pascu Ileana**, Research concerning the tungsten densification and solubilization, Analele Universitatii din Craiova, 2002, pag.129-132, ISSN 1223-5296.
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- 35. R., Ivanus, Pascu Ileana**, Research Concerning the Vanadium Recovering from Worn-out Catalysts, Buletinul Institutului Politehnic Iasi, tomul XLVI (L), Supliment II, Sectia Constructii de Masini, Iasi, pag.285-290, ISSN 1453-1690, categ. B.
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- 39. Pascu Ileana**, Dumitru, C., Tarata, D., The Aspect of the Modern Technology for the Obtaining of the Pseudoalloys WNiCu for Electrical Contacts, In: Materials Development and Processing, vol.8, 2000, pag.276-280, ISBN 3-527-30193-3.
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- 41. Pascu Ileana**, C. Dumitru, Camera de inalta presiune pentru presarea triaxiala. Analele Universitatii din Craiova, 1999, pag. 501-507, ISSN 1223-5296.
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2 patents applications :

1. Material biocompozit și procedeu de elaborare, Pascu Ileana, Gingu Oana, Rotaru Petre, Ciupitu Ion
2. Material biocompozit și procedeu de elaborare, Gingu Oana, Pascu Ileana, Benga Gabriel, Lupu Nicoleta

AWARDS AND HONORS:

1. **2012** : Premiul II si Diplomă de excelență la SALONUL INTERNATIONAL DE INVENTICA PRO INVENT, editia a X-a, 2012, Cluj Napoca
2. **2012** : Premiul III si Diploma de exceleanta la Targul International iENA 2012, Nurenberg, Germania

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