

PERSONAL INFORMATION

Lidia Florentina Parpală



Sex [REDACTED] | Date of birth [REDACTED] | Nationality [REDACTED]

WORK EXPERIENCE

13 Mar 2019–Present

Technical Task Implementation Responsible

University POLITEHNICA of Buchrest, Bucharest (Romania)

23 Jan 2018–30 Nov 2018

Recruitment and target group selection expert

University Politehnica of Bucharest, Bucharest (Romania)

Internal Human Resources Consultant for the project ID 105944 „Creșterea ocupării prin susținerea și dezvoltarea antreprenoriatului inovativ în regiunea Sud - Muntenia”

1 Oct 2011–Present

Lecturer

University Politehnica of Bucuresti
313, Splaiul Independentei, 060042 Bucharest (Romania)

Teaching

Reserach

25 Feb 2008–30 Sep 2011

University teaching assistant

University Politehnica of Bucharest
Splaiul Independenței, 313, 060042 Bucharest (Romania)

Teaching

Research

1 Nov 2003–1 Nov 2007

PhD Student

University Politehnica of Bucharest
Splaiul Independenței, 313, 060042 Bucharest (Romania)

Research

Teaching

EDUCATION AND TRAINING

1 Nov 2003–1 Nov 2007

PhD Diploma

ISCED 8

University Politehnica of Bucharest
Splaiul Independenței, 313, 060042 Bucharest (Romania)

INTERNET/INTRANET/EXTRANET platforms for customer requirements propagation in industrial products manufacturing

1 Oct 2003–15 Jul 2004

MSc Diploma

ISCED 7

University Politehnica of Bucharest
Splaiul Independenței, 313, 060042 Bucharest (Romania)

Management and Engineering for Virtual Industrial Enterprises

1 Oct 1998–15 Jul 2003

Engineering BSc

ISCED 6

University Politehnica of Bucharest
Splaiul Independenței, 313, 060042 Bucharest (Romania)

Machines and Production Systems
Marketing

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B2	C1	C2
French	B2	B2	B1	B1	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Team work

Organisational / managerial skills I have the capacity to coordinate and manage peoples, projects and funds

Job-related skills I have the capacity to use equipment and machines, other than computers

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Independent user	Independent user	Proficient user

Digital skills - Self-assessment grid

Excellent skills in MS Office, CATIA V5, Primavera, Witness, IBM DB2
Good skills in Corel Draw, PhotoShop, InDesign
Fundamental knowledge of SAP, Oracle, IBM Content Management

Driving licence B

ADDITIONAL INFORMATION

Team member in 17 research projects and 1 project as director.
I have published 40 papers, including 11 articles in magazines or volumes of ISI conferences.

Publications List of papers

LISTA DE LUCRĂRI ȘTIINȚIFICE PUBLICATE

S.I. Dr. Ing. PARPALĂ Lidia Florentina

Universitatea POLITEHNICA din București

Facultatea de Ingineria și Managementul Sistemelor Tehnologice

Departamentul de Mașini și Sisteme de Producție

A. TEZE DE DOCTORAT

A1. „Contribuții privind platforma INTERNET/INTRANET/EXTRANET pentru propagarea cerințelor clienților în realizarea produselor industriale”

B. ARTICOLE

Ba. Articole publicate în Reviste de Specialitate indexate ISI

Bb. Articole publicate în Reviste de Specialitate indexate BDI

- Bb.01. Andrei Valentin BAICU, Costel Emil COTEȚ, Lidia PARPALĂ (2021), ANALYSIS OF AN ENTERPRISE BASED ON A NEW DIAGNOSIS MODEL, Proceedings in Manufacturing Systems, Volume 16, Issue 4, 2021, 151-156, ISSN 2067-9238
- Bb.02. Albert SUVAC, Lidia Florentina PARPALA, Radu Constantin PARPALA (2020), GREEN, GREENER, GREENY. AN EVOLUTION OF GREENY TO A SAFER, MORE STABLE AND MORE COMFORTABLE ELECTRIC TRICYCLE, Proceedings in Manufacturing Systems, Volume 15, Issue 2, 2020, 45-52, ISSN 2067-9238
- Bb.03. Lidia Florentina Parpala (2008) Traditional and alternative approaches on products manufacturing Proceedings of the International Conference on Hydraulic Machinery and Equipments HME 2008, Timisoara, Romania, publicat în SCIENTIFIC BULLETIN of the „POLITEHNICA” University of Timișoara, Transactions on MECHANICS, Tomul 53(67), Fascicola S3, 2008, ISSN 1224-6077, CNCSIS B, October 2008
- Bb.04. Cicerone Laurentiu Popa, Lidia Florentina Parpala, Costel Emil Cotet, Designing a cooperative distributed system using the multi-agent systems, Annals of the Oradea University, Fascicle of Management and technological engineering CD-ROM Edition, Vol. VII (XVII), 2008, pg.2611-2614, ISSN 1583-0691, CNCSIS “Clasa B+”, Baile Felix, Mai 2008
- Bb.05. Lidia Florentina Parpala (Ciobanu), Cicerone Laurentiu Popa, (2008), INTERNET/INTRANET/EXTRANET platform for customer demands propagation in products manufacturing, ACADEMIC JOURNAL OF MANUFACTURING ENGINEERING, VOL. 6, NO.1/2008, presented at the 3rd International Conference on Integrated Engineering C2I 2008, Timisoara, 8-10 May 2008
- Bb.06. Lidia Florentina Parpala (Ciobanu), Cicerone Laurentiu Popa, (2007), Remodeling and validation by simulation of manufacturing systems architecture for the integration in virtual enterprise platforms, Annals of the Oradea University, Fascicle of Management and technological engineering CD-ROM Edition, Vol. VI (XVI), 2007, pg. 1610-1613, ISSN

1583-0691, CNCSIS "Clasa B+" presented at the IMT Oradea 2007 Annual Scientific Session, Baile Felix, Mai 2007

Bc. Articole publicate în Reviste de Specialitate neindexate

Bd. Articole publicate în Volumele unor Conferințe Științifice Internaționale indexate ISI

- Bd.01. Radu Constantin Parpală, Mario Andrei Ivan, Lidia Florentina Parpală , Costel Emil Cotet, Cicerone Laurentiu Popa (2024), Camera Calibration in High-Speed Robotic Assembly Operations, Appl., Sci. 2024, 14, 8687. <https://doi.org/10.3390/app14198687>
- Bd.02. Cotet Costel Emil, Popa Cicerone Laurentiu, Chiscop Florina, Parpala Lidia Florentina (2011). Assemble-disassemble cell material flow management. Annals of DAAAM for 2011 & Proceedings of the 22nd International DAAAM Symposium, ISBN 978-3-901509-73-5, ISSN 1726-9679, pp 0361-0362, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2011
- Bd.03. Chiscop Florina, Carutasu Nicoleta Luminita, Parpala Lidia Florentina, Popa Cicerone Laurentiu, Gheorghe Marilena & Funar Petru Stefan (2010). Complementary Economic Validation Algorithm in Optimizing Manufacturing Architectures (2010). 0575-0576, Annals of DAAAM for 2010 & Proceedings of the 21th International DAAAM Symposium, ISBN 978-3-901509-70-4, ISSN 1726-9679, Editor B[ranko] Katalinic, Published by DAAAM International, Zadar, Croatia 2010
- Bd.04. Parpala Lidia Florentina (2009). How to Lower Cost and Time for Manufacturing in Virtual Enterprises (2009). 0317-0319, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 159, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2009
- Bd.05. Parpala, Lidia Florentina & Popa, Cicerone Laurentiu (2008). Collaborative Design and Manufacturing of Industrial Products (2008). 1025-1026, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 513, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2008
- Bd.06. Popa, Cicerone Laurentiu & Parpala, Lidia Florentina (2008). Using Agent Technology To Manage Activities in the Manufacturing Department (2008). 1105-1106, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 553, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2008
- Bd.07. Cicerone Laurentiu Popa, Lidia Florentina Parpala (Ciobanu), (2007), T. Aurite, Algorithm for problems rezolving in distributed system using agent technology, Annals of DAAAM for 2007 & Proceedings of The 18th International DAAAM SYMPOSIUM, „Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility and Ethics of Engineers”, pg.534-544, ISSN 1726-9679, cotat ISI, Zadar, Croatia, Octombrie 2007
- Bd.08. Lidia Florentina Parpala (Ciobanu), Cicerone Laurentiu Popa, (2007), Comparative analysis of main process and material flow modelling/simulation softwares used in virtual environment, Annals of DAAAM for 2007 & Proceedings of The 18th International DAAAM SYMPOSIUM, „Intelligent Manufacturing & Automation: Focus on Creativity,

- Responsibility and Ethics of Engineers”, pg.575-576, ISSN 1726-9679, cotat ISI, Zadar, Croatia, Octombrie 2007
- Bd.09. Lidia Florentina Ciobanu, Radu Constantin Parpala, (2006), E-learning implementation for continuous human resources preparation in virtual enterprises, Annals of DAAAM 2006 & 17th International DAAAM SYMPOSIUM "Intelligent Manufacturing & Automation: Focus on Mechatronics & Robotics", pg. 081-082, ISSN 1726-9679, ISBN 3-901509-57-7, cotat ISI, Viena, Austria, November 2006
- Bd.10. Radu Constantin Parpala, Lidia Florentina Ciobanu, (2006), The profile of the hyperbolic rolls for the VRM tube straightening machine, Annals of DAAAM 2006 & 17th International DAAAM SYMPOSIUM "Intelligent Manufacturing & Automation: Focus on Mechatronics & Robotics", pg. 289-290, ISSN 1726-9679, ISBN 3-901509-57-7, cotat ISI, Viena, Austria, November 2006
- Bd.11. Lidia Florentina Ciobanu, (2005), Databases As A Support For Virtual Enterprises, (2005), Annals of DAAAM International & Proceedings of the 16th International DAAAM Symposium, "Intelligent Manufacturing & Automation: Globalisation – Technology – Men – Nature", pg. 073-074, ISSN 1726-9679, ISBN 3-901509-46-1, cotat ISI, Opatija, Croatia, October 2005
- Bd.12. Anton Hadar, Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, Carmen Cristiana Constantinescu, (2004), Differential Gear Train For Revolving Equipments Driving With Sustaining Rolls, Annals of DAAAM 2004 & Proceedings of the 15th International DAAAM Symposium, "Intelligent Manufacturing & Automation: Globalisation – Technology – Men – Nature", pg. 149-150, ISSN 1726-9679, ISBN 3-901509-42-9, cotat ISI, Vienna, Austria, 3-6 Noiembrie 2004
- Bd.13. Anton Hadar, Lidia Florentina Ciobanu, Carmen Cristiana Constantinescu, Cicerone Laurentiu Popa, (2004), Alternative movable system for turning shafts in heavy industry, Annals of DAAAM 2004 & Proceedings of the 15th International DAAAM Symposium, "Intelligent Manufacturing & Automation: Globalisation – Technology – Men – Nature", pg. 147-148, ISSN 1726-9679, ISBN 3-901509-42-9, cotat ISI, Vienna, Austria, 3-6 Noiembrie 2004

**Be. Articole publicate în Volumele unor Conferințe Științifice
Internaționale indexate BDI**

- Be.01. Andrei Valentin BAICU, Costel Emil COTEȚ, Lidia PARPALĂ (2021), Analysis of an enterprise based on a new diagnosis model, Proceedings in Manufacturing Systems, Volume 16, Issue 4, 2021, 151-156, Bucuresti, Roamnia
- Be.02. L.F. Parpala , R.C. Parpala , G. Stoica (2014), Using remote graphics for product design in virtual enterprises, Proceedings of the 13th International Conference on Management and Innovative Technologies, MIT 2014, 28th – 30th September 2014, Fiesa, Slovenia
- Be.03. Catrina Dumitru , Adrian Ghionea, Nicolae Predinca, Lidia Florentina Parpala (2009), Generation Features of Polygonal Areas on Lathes, International Conference on Economic Engineering and Manufacturing Systems, 26-27 November 2009, Brasov, publicat in Recent Journal, CNCSIS B+
- Be.04. Lidia Florentina Parpala (Ciobanu), Cicerone Laurentiu Popa, (2007), Product life cycle management in virtual environment, ACADEMIC JOURNAL OF MANUFACTURING ENGINEERING, VOL. 5, NO. 2/2007, presented at the 3rd International Conference on

Manufacturing Science and Education, MSE 2007, "European Traditions and Influences in Engineering Creation", pg. 67-72, ISSN 1583-7904, Sibiu, 12-14 Iulie 2007.

**Bf. Articole publicate în Volumele unor Conferințe Științifice
Internationale neindexate**

- Bf.01. L.F. Parpală, R.C. Parpală, *Security issues in virtual enterprises*, Proceedings of the 14th International Conference on Management and Innovative Technologies, MIT 2016, Fiesa, Slovenia, 5th – 7th September 2016
- Bf.02. Nicoleta Luminita Carutasu, Lidia Florentina Parpala (2009), Technological Transfer Possibilities for the Integration of Romanian Research in European Area, Proceedings of the International Conference on Manufacturing Systems – ICMaS, Vol. 4, 2009, pp. 359-362, ISSN 1842-3183, 5-6 November, 2009, Bucharest, Romania
- Bf.03. Lidia Florentina Parpala, Radu Constantin Parpala (2009), Automation of design process in the case of machine tools gearboxes, Proceedings of the 10th Conference on Management of Innovative Technologies, MIT 2009, pg.37, ISBN 978-961-6536-38-7, Piran, Slovenia, 28 - 29 Septembrie 2009
- Bf.04. Lidia Florentina Parpala (2009), Virtual manufacturing for industrial products, Proceedings of the 4rd International Conference on Manufacturing Science and Education VOL. I 2009, MSE 2009, "Trends in engineering and academic education", pg. 121-124, ISSN 1843-2522, Sibiu, 4-6 Iulie 2009
- Bf.05. Cicerone Laurențiu POPA, Lidia Florentina Parpală (2008), Validating Cooperative Systems Simulation and Remodeling for Pump Cover Design and Manufacturing in a Virtual Enterprise, The 1st International Conference "Economics and Information Technology e-Society Knowledge and Innovation", ISBN 978-973-749-455-9, 26-27 September 2008, Bucuresti, Romania
- Bf.06. Lidia Florentina Parpala, Cicerone Laurentiu Popa, George Căruțașu, (2007), Using CAD – CAM – CAE techniques and alternative technologies in virtual enterprises, Proceedings of the 9th Conference on Management of Innovative Technologies, MIT 2007, pg.171-176, ISBN 978-961-6536-19-6, Fiesa, Slovenia, Octombrie 2007
- Bf.07. George Căruțașu, Anca Drăghici, Lidia Florentina Parpala, Cicerone Laurentiu Popa, (2007), How to get a five star partner, Proceedings of the 9th Conference on Management of Innovative Technologies, MIT 2007, pg. 91-96, ISBN 978-961-6536-19-6, Fiesa, Slovenia, Octombrie 2007
- Bf.08. Cicerone Laurențiu POPA, Lidia Florentina Parpală, Radu Constantin Parpală, (2007), Using Agent Technology to Design a Cooperative System, Proceedings of the 16th International Conference on Manufacturing Systems – ICMaS, 2007, Editura Academiei Române, pg. 143-146, ISSN 1842-3183, București, 22 Noiembrie 2007
- Bf.09. Lidia Florentina Ciobanu, Radu Constantin Parpala, Cicerone Laurentiu Popa, (2006), Integrating Supply Chain Management In Virtual Enterprises, Proceedings of the 15th International Conference on Manufacturing Systems – ICMaS, pg. 519-522, ISSN 1842-3183, Editura Academiei, Bucuresti, Romania, October 2006
- Bf.10. Radu Constantin Parpala, Lidia Florentina Ciobanu, N. Predincea, (2006), Collaborative design in CATIA V5 using Visual Basic for Application and IBM-DB2 databases, Proceedings of the 6th IDMMME - International Conference on Integrated Design and Manufacturing in

- Mechanical Engineering, with CD-ROM support for the full papers ISBN 2-9523979-1-0, EAN 9782952397919, Grenoble, France, Mai 2006
- Bf.11. Lidia Florentina Ciobanu, (2006), Integrarea bazelor de date si cunostinte in mediul intreprinderilor virtuale, Revista Constructii de masini, ISSN 0573-7419, Bucuresti, 2006
- Bf.12. Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, Radu Constantin Parpala, Carmen Cristiana Bucur, (2005), Internet/Intranet/Extranet Portals for products designing, manufacturing and service, Proceedings of the 8th Conference on Management of Innovative Technologies, MIT'2005, pg. 77-80, ISBN 961-6238-96-5, Fiesa, Slovenia, 22-24 Septembrie 2005
- Bf.13. Cicerone Laurentiu Popa, Lidia Florentina Ciobanu, Carmen Cristiana Bucur, Radu Constantin Parpala, (2005), Using multi-agent systems technology in distributed systems implementation, Proceedings of the 8th Conference on Management of Innovative Technologies, MIT'2005, pg. 259-262, ISBN 961-6238-96-5, Fiesa, Slovenia, 22-24 Septembrie 2005
- Bf.14. Radu Constantin Parpala, Carmen Cristiana Bucur, Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, (2005), Automatic generation of part and assemblies in CATIA V5 using Visual Basic, Proceedings of the 8th Conference on Management of Innovative Technologies, MIT'2005, pg. 183--186, ISBN 961-6238-96-5, Fiesa, Slovenia, 22-24 Septembrie 2005
- Bf.15. Carmen Cristiana Bucur, Radu Constantin Parpala, Cicerone Laurentiu Popa, Lidia Florentina Ciobanu, (2005), SADT Modelling for Data Transfer using the STEP Format, Proceedings of the 8th Conference on Management of Innovative Technologies, MIT'2005, pg. 193-197, ISBN 961-6238-96-5, Fiesa, Slovenia, 22-24 Septembrie 2005
- Bf.16. Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, Traian Aurite, (2005), Virtual manufacturing based on an Internet/Intranet/Extranet Portal, C2I 2005, pg. 107-108, ISBN 973-625-259-0, Timisoara, Octombrie 2005
- Bf.17. Carmen Cristiana Bucur, Lidia Florentina Ciobanu, (2005), SADT Modelling Used In CAD/CAM Industry And Data Transfer Between Different IDS, C2I 2005, pg. 39-40, ISBN 973-625-259-0, Timisoara, Octombrie 2005
- Bf.18. Anton Hadar, Horia Gheorghiu, Costel Emil Cotet, Lidia Florentina Ciobanu, (2004), 3D Model for a new type of implant in the treatment of cypho-scoliosis, the I-st International Conference "Biomaterials & Medical Devices", BiomMedD' 2004, pg. 132, ISBN 973-718-083-6, Bucuresti, Noiembrie 2004
- Bf.19. Carmen Cristiana Bucur, Lidia Florentina Ciobanu, (2004), - Data Transfer and Simulation for Virtual Enterprise Environment Integration, Proceedings of the 7th Conference on Management of Innovative Technologies, MIT2004, pg. 19-22, ISBN 973-700-028-5, Constanța, Octombrie 2004
- Bf.20. Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, (2004), Simulation and CAD/CAM/CAE cooperative systems integration in virtual environments, Proceedings of the 7th Conference on Management of Innovative Technologies, MIT'2004, pg. 15-18, ISBN 973-700-028-5, Constanța, Octombrie 2004
- Bf.21. Marius Guran, Nicoleta Luminita Carutasu, Gabriela Patrascu, Lidia Florentina Ciobanu, (2004), Digital Economy in Manufacturing, Proceedings of the 7th Conference on Management of Innovative Technologies, MIT'2004, pg. 103-106, ISBN 973-700-028-5, Constanța, Octombrie 2004
- Bf.22. Anton Hadar, Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, Carmen Cristiana Constantinescu, (2004), Replacing differential rolls with full rolls in revolving equipments

- driving mechanism, Romanian Journal of Technical Sciences Applied Mechanics, Tome 49, special number, 2004 Proceedings of the International Conference on Manufacturing Systems, pg. 179-182, ISSN 0035-4074, ISBN 973-27-1102-7, Editura Academiei, București, 7-8 Octombrie 2004
- Bf.23. Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, Carmen Cristiana Constantinescu, (2004), Simulation in validating manufacturing systems remodeling for virtual enterprise environment integration, 1st International Conference "From Scientific Computing to Computational Engineering, pg. 1108-1113, ISBN 960-530-071-0, Atena, Septembrie 2004
- Bf.24. Carmen Cristiana Constantinescu, Lidia Florentina Ciobanu, Cicerone Laurentiu Popa, (2004), Study about the manufacturing integration in the design phase using several CAD-CAM integration systems software, 1st International Conference "From Scientific Computing to Computational Engineering, pg. 1195-1202, ISBN 960-530-071-0, Atena, Septembrie 2004
- Bf.25. Cicerone Laurentiu Popa, Carmen Cristiana Constantinescu, Lidia Florentina Ciobanu, (2004), Using CAD/CAM/CAE Cooperative Systems in Pump Cover Design & Manufacturing, 1st International Conference "From Scientific Computing to Computational Engineering, pg. 1343-1349, ISBN 960-530-071-0, Atena, Septembrie 2004
- Bf.26. Lidia Florentina Ciobanu, Carmen Cristiana Constantinescu, Cicerone Laurentiu Popa, (2003), Catalog Editor in CATIA V5R8, Book of Abstracts of International Conference on Economic Engineering and Manufacturing Systems, pg. 12, ISBN 973-635-215-3, Brasov, Octombrie 2003

Bg. Articole publicate în Volumele unor Conferințe Științifice Naționale

C. CĂRȚI

Ca. Cărți publicate în Edituri Naționale cu ISBN și în edituri recunoscute CNCIS

Cb. Cărți publicate în Edituri Internaționale

Cc. Capitole de cărți

- Cc.01. Popa Cicerone Laurentiu; Parpala Lidia Florentina & Aurite Traian (2008). Problem Solving Algorithm for the Manufacturing Department Using Agent Technology, Chapter 51 in DAAAM International Scientific Book 2008, pp. 603-612, B. Katalinic (Ed.), Published by DAAAM International, ISBN 978-3-901509-69-0, ISSN 1726-9687, Vienna, Austria DOI: 10.2507/daaam.scibook.2008.51

Cd. Cărți/cursuri pentru uzul studenților

D. CULEGERI ȘI ÎNDRUMARE**Da. Lucrări publicate în Edituri Naționale cu ISBN**

- Da.01. Diana Popescu, Cicerone Laurentiu Popa, Lidia Florentina Ciobanu, George Eduard Grigoroiu, Constantinescu Carmen Cristiana, (2004), Indrumar CAD CATIA V5R8, editura AIUS, Craiova 2004, 165 pagini, ISBN 973-700-011-0
- Da.02. Radu Constantin Parpală, Lidia Florentina PARPALĂ, Parametrizarea, Optimizarea și Managementul Bazelor de Date – Indruma de Laborator, Editura BREN, ISBN 978-606-610-272-8, 2022, București

Db. Lucrări publicate în Edituri Internaționale**Dc. Lucrări publicate pe plan local în UPB****F. CONTRACTE DE CERCETARE****Fa. Contracte Naționale/Internaționale realizate ca Responsabil
/Director de Contract/Program/Proiect**

- Fa.01. (2005-2007) Remodelarea si validarea prin simulare a arhitecturii sistemelor de productie pentru integrarea lor in platforme de tip intreprinderi industriale virtuale, grant CNC SIS de tip TD, valoare grant 18000 lei, director grant

**Fb. Contracte Naționale/Internaționale realizate ca Membru al
Echipelor de Cercetare**

- Fb.01. Platforma online inteligenta colaborativa pentru proiectarea si fabricarea ghidajelor personalizate in chirurgia ortopedica POIGO – Contract PNII 5/2014
- Fb.02. POSDRU/125/5.1/S/134003/ "Insertie activă pe piața muncii prin FORMare profesională inovativă în domeniul INgineriei – FORMING"
- Fb.03. (2008-2010) „Sistem complex de analiza, evaluare si corecție a locomoției umane – SIMAM”, Contract AMCSIT, Nr. 215/07.10.2008, Finanțare: Buget de Stat- Ministerul Educației, Cercetării și Tineretului, Programul INOVARE, coordonat de SC MEDISPORT SERV SRL, director prof.dr.ing. Sindilă Gheorghe, sl.dr.ing. Diana Popescu, responsabil/director de proiect din partea UPB-PREMINV.
- Fb.04. (2008-2011) Instrumente si tehnici de calcul de proiectare si analiza structurilor aeronautice intr-un mediu vizual 3D –INPROV, Contract CNMP nr. 82-074/01.10.2008, Finanțare: Buget de Stat- Ministerul Educației, Cercetării și Tineretului, Programul Parteneriate in Domeniile Prioritare, Categoria de proiect: Complex, coordonat de Institutul de Cercetări pentru Informatică București, director dr.mat. Daniela Baran, Diana Popescu, responsabil/director de proiect din partea UPB-PREMINV.

- Fb.05. (2008-2011) Tehnologie ecologică de obținere a barelor de oțel (ECOBTEH), Contract nr.260/2008, Finanțare: Buget de Stat- Ministerul Educației, Cercetării și Tineretului, Programul Inovare, coordonat de Agentia Manageriala de Cercetare Stiintifica, Inovare si Transfer Tehnologic AMCSIT-Politehnica, director ing. Gheorghe Ionescu, conf.dr.ing. Adrian Motomancea, responsabil/director de proiect din partea UPB-PREMINV.
- Fb.06. (2007-2010) Sistem suport pentru integrarea activităților de planificare a resurselor și programare a activităților cu managementul proceselor de fabricație în organizațiile virtuale (PROGPROC), proiect CNMP 11014/2007, Contract nr. D1.1.-0.1.4 /14.09.2007. Finanțare: Buget de Stat- Ministerul Educației, Cercetării și Tineretului, Programul Parteneriate in Domeniile Prioritare, Categoria de proiect: Complex, coordonat de Institutul de Cercetări pentru Informatică București, director ing. Florian Vladimir, G. Drăgoi, responsabil/director de proiect din partea UPB-PREMINV.
- Fb.07. (2007-2010), Sistem integrat CAD-CAM-CAE-pentru piese cu forme complexe din structura turbomotoarelor (COMOTI), proiect CNMP 71-077 / 18.09.2007. Finanțare: Buget de Stat- Ministerul Educației, Cercetării și Tineretului, Programul Parteneriate in Domeniile Prioritare, Direcția de Cercetare: Materiale, procese si produse inovative, coordonat de Institutul National de Cercetare - Dezvoltare Turbomotoare COMOTI București, director ing. Mircea Dan Ionescu, Prof.univ.dr.ing. Traian Aurite, responsabil/director de proiect din partea UPB-PREMINV.
- Fb.08. (2006-2008), Cercetari fundamentale si aplicative privind prelucrea cu jet de apa si particule abrazive orientate electromagnetic (ELMAJET), Contract Nr. 256/ 11.09.2006, proiect CEEX PC. Finanțare: Buget de Stat - Ministerul Educatiei si Cercetarii, Programul Cercetare de excelenta Categoria de proiect: Modul I P-CD, coordonat de Universitatea Politehnica Timișoara, director Victor Geanta responsabil/director de proiect din partea UPB-PREMINV.
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G. ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE

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Semnătura