



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Adrian PISLA**
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E-mail adrian.pisla@muri.utcluj.ro
Nationality Romanian
Date of birth 28 August 1962
Gender M
Marital status Married, with 1 child

Occupational field **Education & Research at university level**

Work experience

Dates 1987-1990 Engineer in Probation period, IMMR Pascani, Romania
1990 Design Engineer, IMMR "16 Februarie", Cluj-Napoca, Romania
1991 Analyst-Programmer, IMMR "16 Februarie", Cluj-Napoca, Romania
1991 -1994 Teaching Assistant, Technical University in Cluj-Napoca
1995 -1998 Assistant Professor, Technical University in Cluj-Napoca
1998 - 2002 Associate Professor, Technical University in Cluj-Napoca
2002 - University Professor, Technical University in Cluj-Napoca

Occupation or position held

University Professor, Technical University in Cluj-Napoca
PhD supervisor in Engineering & Management
Head of the Dynamic Systems Simulation Laboratory
Director of the Authorized Training Center Siemens PLM

Main activities and responsibilities	<p>Teaching and Research activities in the fields of: Computer Numerical Control Robots Programming; Engineering and Management Change Management (PLM); Digitalization of change.</p> <p>Lectures in Romanian, English at Technical University and occasional in German language at the Babeş Bolyai University in Cluj-Napoca, Invited Research Professor at Uni Braunschweig, Uni Bremen, Uni Siegen, Uni München, IPA –Fraunhofer and IFF Uni Stuttgart.</p>		
Name and address of employer	<p>Technical University in Cluj-Napoca, Memorandumului 28, RO 400114, Cluj-Napoca, Romania</p>		
Type of business or sector	<p>Education & Research</p>		
Education and training	<table border="0"> <tr> <td data-bbox="424 633 480 701">Dates</td> <td data-bbox="507 633 1508 2027"> <p>2016</p> <ul style="list-style-type: none"> - Einführung in die Hochschuldidaktik, Oktober, Babeş Bolyai Universität 18AE, Studienkommission für Hochschuldidaktik, Hochschulen für Angewandte Wissenschaften in Baden-Württemberg, Deutschland - Upgrading course for product development and implementation by using Process Simulator from Siemens PLM, provided by ADA Computers. <p>2015</p> <ul style="list-style-type: none"> - Upgrading course in Teamcenter from Siemens PLM, provided by ADA Computers. <p>2014</p> <ul style="list-style-type: none"> - Clusters Management Mentoring, N-W Developing Agency, Romania and Aerospace Valley Cluster, France <p>2004</p> <ul style="list-style-type: none"> - Training stage, IBM Learning Space, Forte Computers, Cluj-Napoca. <p>2003</p> <ul style="list-style-type: none"> - Participating in the European Study regarding the implementation of the online and off line long distance education, within a multinational system, Vienna, Austria <p>2002</p> <ul style="list-style-type: none"> - ECO-City Life, Cluj-Napoca, Romania - Intensive training in “The development of interdisciplinary higher education as Bologna system describes”, Bremen, Germany, with DAAD financial support. <p>2001</p> <ul style="list-style-type: none"> - Speaker at the European Unigraphics and i-Man Users Group Conference, Stuttgart, Germany - Training Program in Administration and Marketing of Postgraduate Courses Delivery PGC-DI, IFF University Stuttgart, Germany - American-Romanian ECO –Management, postgraduate specialization studies, organized by the Technical University in Cluj-Napoca and the University of Minnesota, USA <p>1998</p> <ul style="list-style-type: none"> - Training stage in Unigraphics CAD software, by BCT Kehl, Germany and General Motors Corporation Knowledge Center, Detroit, USA - Specialization in Open Systems Architecture for Controls within Automation Systems, Institut für Steuerungstechnik der Werkzeugmaschinen und Fertigungseinrichtungen, Stuttgart, Prof. Dr.-Ing. Dr. h.c. Günter Pritschow. <p>1996</p> <ul style="list-style-type: none"> - Specialization in Composite Materials organized by Universities Cluj-Napoca, University of Seville and University of Toulouse <p>1996</p> <ul style="list-style-type: none"> - Participation at International Junior Forum “Working in International Alliances and Cooperation -Vision and Real Life”, organized by DASA Berlin, Germany <p>1995</p> <ul style="list-style-type: none"> - PhD. Degree “Studies concerning the computer aided achievement of pieces with hard coatings using the thermal spraying technology” Scientific Supervisors: Prof. Dr.-Ing. Horia COLAN, Technical University in Cluj-Napoca, Member of the Romanian Academy and Prof. Dr.-Ing. Dr. h.c. Engelbert WESTKÄMPER, Head of the Fraunhofer Institute, Stuttgart, Germany </td> </tr> </table>	Dates	<p>2016</p> <ul style="list-style-type: none"> - Einführung in die Hochschuldidaktik, Oktober, Babeş Bolyai Universität 18AE, Studienkommission für Hochschuldidaktik, Hochschulen für Angewandte Wissenschaften in Baden-Württemberg, Deutschland - Upgrading course for product development and implementation by using Process Simulator from Siemens PLM, provided by ADA Computers. <p>2015</p> <ul style="list-style-type: none"> - Upgrading course in Teamcenter from Siemens PLM, provided by ADA Computers. <p>2014</p> <ul style="list-style-type: none"> - Clusters Management Mentoring, N-W Developing Agency, Romania and Aerospace Valley Cluster, France <p>2004</p> <ul style="list-style-type: none"> - Training stage, IBM Learning Space, Forte Computers, Cluj-Napoca. <p>2003</p> <ul style="list-style-type: none"> - Participating in the European Study regarding the implementation of the online and off line long distance education, within a multinational system, Vienna, Austria <p>2002</p> <ul style="list-style-type: none"> - ECO-City Life, Cluj-Napoca, Romania - Intensive training in “The development of interdisciplinary higher education as Bologna system describes”, Bremen, Germany, with DAAD financial support. <p>2001</p> <ul style="list-style-type: none"> - Speaker at the European Unigraphics and i-Man Users Group Conference, Stuttgart, Germany - Training Program in Administration and Marketing of Postgraduate Courses Delivery PGC-DI, IFF University Stuttgart, Germany - American-Romanian ECO –Management, postgraduate specialization studies, organized by the Technical University in Cluj-Napoca and the University of Minnesota, USA <p>1998</p> <ul style="list-style-type: none"> - Training stage in Unigraphics CAD software, by BCT Kehl, Germany and General Motors Corporation Knowledge Center, Detroit, USA - Specialization in Open Systems Architecture for Controls within Automation Systems, Institut für Steuerungstechnik der Werkzeugmaschinen und Fertigungseinrichtungen, Stuttgart, Prof. Dr.-Ing. Dr. h.c. Günter Pritschow. <p>1996</p> <ul style="list-style-type: none"> - Specialization in Composite Materials organized by Universities Cluj-Napoca, University of Seville and University of Toulouse <p>1996</p> <ul style="list-style-type: none"> - Participation at International Junior Forum “Working in International Alliances and Cooperation -Vision and Real Life”, organized by DASA Berlin, Germany <p>1995</p> <ul style="list-style-type: none"> - PhD. Degree “Studies concerning the computer aided achievement of pieces with hard coatings using the thermal spraying technology” Scientific Supervisors: Prof. Dr.-Ing. Horia COLAN, Technical University in Cluj-Napoca, Member of the Romanian Academy and Prof. Dr.-Ing. Dr. h.c. Engelbert WESTKÄMPER, Head of the Fraunhofer Institute, Stuttgart, Germany
Dates	<p>2016</p> <ul style="list-style-type: none"> - Einführung in die Hochschuldidaktik, Oktober, Babeş Bolyai Universität 18AE, Studienkommission für Hochschuldidaktik, Hochschulen für Angewandte Wissenschaften in Baden-Württemberg, Deutschland - Upgrading course for product development and implementation by using Process Simulator from Siemens PLM, provided by ADA Computers. <p>2015</p> <ul style="list-style-type: none"> - Upgrading course in Teamcenter from Siemens PLM, provided by ADA Computers. <p>2014</p> <ul style="list-style-type: none"> - Clusters Management Mentoring, N-W Developing Agency, Romania and Aerospace Valley Cluster, France <p>2004</p> <ul style="list-style-type: none"> - Training stage, IBM Learning Space, Forte Computers, Cluj-Napoca. <p>2003</p> <ul style="list-style-type: none"> - Participating in the European Study regarding the implementation of the online and off line long distance education, within a multinational system, Vienna, Austria <p>2002</p> <ul style="list-style-type: none"> - ECO-City Life, Cluj-Napoca, Romania - Intensive training in “The development of interdisciplinary higher education as Bologna system describes”, Bremen, Germany, with DAAD financial support. <p>2001</p> <ul style="list-style-type: none"> - Speaker at the European Unigraphics and i-Man Users Group Conference, Stuttgart, Germany - Training Program in Administration and Marketing of Postgraduate Courses Delivery PGC-DI, IFF University Stuttgart, Germany - American-Romanian ECO –Management, postgraduate specialization studies, organized by the Technical University in Cluj-Napoca and the University of Minnesota, USA <p>1998</p> <ul style="list-style-type: none"> - Training stage in Unigraphics CAD software, by BCT Kehl, Germany and General Motors Corporation Knowledge Center, Detroit, USA - Specialization in Open Systems Architecture for Controls within Automation Systems, Institut für Steuerungstechnik der Werkzeugmaschinen und Fertigungseinrichtungen, Stuttgart, Prof. Dr.-Ing. Dr. h.c. Günter Pritschow. <p>1996</p> <ul style="list-style-type: none"> - Specialization in Composite Materials organized by Universities Cluj-Napoca, University of Seville and University of Toulouse <p>1996</p> <ul style="list-style-type: none"> - Participation at International Junior Forum “Working in International Alliances and Cooperation -Vision and Real Life”, organized by DASA Berlin, Germany <p>1995</p> <ul style="list-style-type: none"> - PhD. Degree “Studies concerning the computer aided achievement of pieces with hard coatings using the thermal spraying technology” Scientific Supervisors: Prof. Dr.-Ing. Horia COLAN, Technical University in Cluj-Napoca, Member of the Romanian Academy and Prof. Dr.-Ing. Dr. h.c. Engelbert WESTKÄMPER, Head of the Fraunhofer Institute, Stuttgart, Germany 		

Dates	1994	- Participation at "European Workshop on Renewable Energies", Aachen, Germany
	1994	- Training seminar " Zielorientierte Projectplanung " (Task oriented planning design), Lingen, Germany
		- KAAD visiting researcher at "Institut für Werkzeugmaschinen und Fertigungstechnik", Technische Universität "Carolo Wilhelmina" zu Braunschweig, Germany
	1993	- Specialization in Numerical Control EMCO, Hallein, Austria
		- Specialization in AutoCAD Level 1, Bucharest
		- Specialization in UNIX, CIA, Cluj-Napoca
	1992	- Specialization in Computer Networks, µInformatica, Cluj-Napoca
	1991	- Summer course: International Finance, Social Forecasting, University of Vienna, Austria
		- Specialization in Computer Networks, µInformatica, Cluj-Napoca
	1990	- 25.09.89-28.04.90 F2D Programming management informatics products and systems for Felix-mini (PDP-11 Computer), Programming Analyst, Upgrading Center for Management Informatics, Cluj-Napoca
1988	- Specialization in Machine Tools Numerical Control, Technical University Cluj-Napoca	

Personal skills and competences

Manage and run research in modelling & simulation projects, in the Mechatronic, Robotics, Numerical Control and PLM fields with aerospace and medical applications.

Mother tongue(s)

Romanian

Other language(s)

Self-assessment
European level ()*

Language

Language

		Understanding		Speaking		Writing	
		Listening	Reading	Spoken interaction	Spoken production		
En	B2		B2		B2		B2
Fr	B1		B1		B1		B1
De	A2		A2		A2		A2

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

Social skills and competences

Capacity to adapt to multicultural teams and activities, as result of the work and studies experience abroad

Organisational skills and competences

Experience in project management for study and research programs
Management and logistic competences with over 33 years' experience and coordinating groups from 3 to over 100 persons

Technical skills and competences

Postgraduate specialization courses, elaboration and implementation
Abilities in development and uses of the e-learning systems
Educational programs elaboration and implementation
Research projects development
CNC machine tools programming and operation
Robots programming and operation
Mechanical Design
Systems development

Computer skills and competences

Windows (Text editing and processing, Spreadsheet calculus, data systems management & multimedia)
PC applications (CAD modeling and simulation, CAM, mathematical optimization, visualization), CNC programming, Robots programing.

Additional information

- The developer of a flight simulator for helicopters
- 7 published books (2 in English, 1 at IRB Fraunhofer, Stuttgart): dedicated to robotics
 - o Pîslă, A., *NUMERICAL CONTROL EQUIPMENT AND PROGRAMMING OF THE INDUSTRIAL ROBOTS*, Editura TODESCO 2002, ISBN 973-8198-33-X.
 - o Morar L., Westkamper E., Abrudan I., **Pisla A.**, Niemann J., Manole I., “*Planning and Operation of the Production Systems*”, IRB Fraunhofer Verlag, Stuttgart, 2007, ISBN978-3-8167-7327-6.
 - o Pîslă, A., Covaciu F., *Manual Programming, Computer Numerical Control*, Laboratory Support, UT Press Cluj-Napoca, ISBN 978-606-737-133-8, 2015.



- o Pisla, D., Bleuler, H., Rodić, A., Vaida, C., Pisla, A., *New Trends in Medical and Service Robots - Theory and Integrated Applications*, Springer International Publishing, Series Volume 16, DOI 10.1007/978-3-319-01592-7

- Almost 200 scientific papers
- 4 patents
- 17 major research contracts (in 4 coordinator)
- 5 international projects (in 2 coordinator)
- Participation on over 100 national and international conferences
- Organizer of 4 international Symposiums and 1 international conference in Romania
- Founding Member of the Romanian Society of Powder Metallurgy
- Founding Member of the Romanian Society of Robotics
- Member since 1994 in the American Society of Mechanical Engineers –ASME
- Member in the German Association of Applied Mathematics and Mechanics – GAAM
- Founding Member of Ecological Foundation – Transylvania 5000
- Founding member of the Association EUROAVIA Cluj-Napoca
- Member of the European Robotics Association
- Founding member of the MeetRobotics students event
- TC (Technical Committee) member for Robotics and Mechatronics IFToMM (International Federation for the Promotion of Mechanism and Machine Science)

Prizes and distinctions

- 2019 – Gold Medal at Thailand Inventors Day, IPITEx Bangkok International Intellectual Property & Invention, Innovation and Technology Exposition 2-6 February, Bangkok, Thailand, 2019.
- 2017 – Gold Medal, INVENTICA 2017, XXI International Salon of Research Innovation and Technological Transfer, 28 June 2017
- 2017 – Bronze Medal, International Salon of Inventions and Innovations „Traian Vuia” Timișoara, Romania, 9 June 2017
- 2017 – Bronze Medal, EURO Invent, organized by the International Federation of Inventors Association, 25 Mai 2017
- 2010 – Medal granted by the Princeps promotion Alba Iulia
- 2009 – Gold Medal, European Year of Creativity and Innovation, International Salon of Research, Innovation and Invention, PROINVENT VII-th edition

Diplomas and Certifications

- 2019 - Best paper award at the 15th IFToMM World Congress, Krakow, Poland
- 2017 – Certificate granted at the International Exploration Workshop “New Trends in Rehabilitation Robotics” 28 September, Cluj-Napoca
- 2017 – Certificate granted at the ICSS XI International Conference on Social Science, 20 January, Helsinki
- 2016 – Certificate granted at the “Einführung in die Hochschuldidaktik”, DAAD und Studienkommission für Hochschuldidaktik, Hochschulen für Angewandte Wissenschaften in Baden-Württemberg
- 2016 – Certificate granted at the MESROB 5th International Workshop on Medical and Service Robots, under IFToMM patronage, organized by the Joanneum Research Robotics, and Universität Innsbruck, in Graz, Austria
- 2016 – Merit Diploma for organizing Meet Robotics 2.0, in Cluj-Napoca
- 2014 – Certificate granted at the Management de Clusters Mentoring Session, with the issue: Traffic Health Environment, Intelligent Solutions for Sustaining Urban Economies, organized by the Nord-West Regional Development Agency, Romania and the Cluster Aerospace Valley, France
- 2010 – Merit Diploma, granted by the Princeps promotion Alba Iulia
- 2010 – Diploma of Honor for the contribution in organizing the 3rd EUCOMES European Conference on Mechanism Science
- 2009 – Diploma granted by the AGIR Cluj Branch, at the XII Multidisciplinary National Conference with International participation, „Professor Dorin PAVEL” – the founder of the Romanian Hydroenergetics
- 2009 – Diploma of Excellence European Year of Creativity and Innovation, International Salon of Research, Innovation and Invention, PROINVENT VII-th edition
- 2006 – Diploma granted by the AGIR Cluj Branch, at the IX Multidisciplinary National Conference with International participation, „Professor Dorin PAVEL” – the founder of the Romanian Hydroenergetics
- 2004 – Diploma, granted by the Alpha Bank for hot air balloon flying YR-9001
- 2002 – Special Diploma, granted for the excellent collaboration in organizing the ECO CITY LIFE Fair
- 2001 – Certificate, granted by the European Unigraphics and i-Man Users Group, Stuttgart

- 2001 – Certificate for “Completion with Very Good the AMERICAN-ROMANIAN POST_DIPLOMA Eco-Management STUDIES PROGRAM, Minneapolis, MN, USA, University of Minnesota and Technical University of Cluj-Napoca
- 1998 – Diploma for Successfully completed all of the requirements as set forth by the General Motors Knowledge Center and its constituent bodies, for the course Unigraphics v13- Basic User 2, General Motors University
- 1996 – Post graduate course “Composite materials” organized by the Seville University Spain and the Toulouse University, France
- 1994 – Participation Certificate at the European Workshop on Renewable Energies, Aachen University of Technology
- 1994 – Certificate form Vorbereitungs-Seminars an einem Informationskurs über “Zielorientierte Projektplanung”, Bonn, Germany
- 1993 – Participation Certificate at the Training Seminar in Flexible Manufacturing Systems, EMCO, Austria
- 1993 – Certificate as Instructor AUTOCAD – E406
- 1993 – Graduate Certification of “Introduction in UNIX operating systems”
- 1992 – Graduate Certification of “Introduction in Computer Local Networks LAN”
- 1989 – Graduate Certification of the F2D – Systems programming and management informatics products (Felix-Mini), specialization Programmer, The Training Center for Informatics in Management (Centrul de Perfectionare în Informatică pentru Management)

Social competences and abilities

- Capacity to adapt at multicultural environments, as result of the years of study and work abroad

Managerial competences and abilities

- Good experience in managing projects, programs and study or research teams;
- Organizational skills;
- Good experience in logistics management;
- Leadership, in the over 30 years of experience I was coordinating teams from 3 to 80 peoples
- Organizing international seminars, workshops and conferences (EUCOMES 2010, România; First LTHU in Germany; “Silkroad Redivivus” International workshop in Logistics 2011, Romania; Launching for EMEA the Siemens PLM NX platform, 2002 Romania)

Technical competences and abilities

- Elaboration and implementation of dedicated courses;
- Presentation sessions of the e-learning systems
- Elaboration and implementation of educational programs
- Development of scientific research projects regarding the modeling and simulation of: physical mechatronic systems, Product Lifecycle Management, risk and change management, learning programs

Digital competences and abilities

- PC operation (Text editing, spreadsheet calculus, data bases and multimedia systems)
- CAD, CAM, CAE, PDM

Miscellaneous information

- Development of an helicopter flight simulator
- 7 printed books (2 in English language, 1 in the Fraunhofer IRB Verlag Stuttgart)
- 3 books on run (1 Springer)
- Springer book editor
- Over 150 published scientific papers
- 4 Patents and 1 idea in the patenting process
- 22 national and international research contracts – 4 as Director
- 7 International projects – 4 as coordinator

- Direct involvement and participation on over 120 international conferences
- 4 Main international events organized in Romania
- Founding member of ACADEMIA (ASSOCIATION OF DOCTORAL AND EXCELLENCE ACTIVITIES' COORDINATORS IN BUSINESS MANAGEMENT AND ENGINEERING)
- Founding member of Powder Metallurgy Romanian Society
- Founding member of Robotics Romanian Society
- AGIR (General Association of Romanian Engineers) executive secretary of Cluj-Napoca branch (1999-2002)
- Member of ASME (American Society of Mechanical Engineers)
- Member of GAAM (German Society of Applied Mathematics and Mechanics)

- Founding member of the Ecological Foundation "Transilvania 5000"
- Founding member of the Association "EUROAVIA Cluj-Napoca"
- Member in the TC Robotics & Mechatronics (Technical Committee) of IFToMM (International Federation for the Promotion of Mechanisms and Machine Science)

Selected publications

1. **Pîslă, A., Pîslă, D., "New Parallel Structures Designed as Testing Stand"**, ISOM 2002, 1st International Symposium on Mechatronics, Chemnitz, Germany, March 2002
2. **Pîslă A., Itul T., Pîslă D., Szilaghyi A., "Consideration upon Influence of Manufacturing and Assembly Errors on the Kinematic and Dynamic Behaviour in a Flight Simulator Stewart-Gough Platform"**, pg. 215-224, Mechanisms, Transmissions and Applications, in Mechanisms and Machine Science 3, Springer Science + Business Media, 2012.
3. **Pisla A., Vaida C., "Trends and Facilities in Medical Service and Space Robotics"**, Proc. ICAO European Regional Civil Aviation Medicine Seminar/ Workshop, The 3rd National Conference of Aeronautical Medicine and Psychology, November 11-15, 2013, Bucharest , ROMANIA, Romanian Society of Aeronautical Medicine, (2103).
4. **Pisla A., "On Medical and Service Robots with Compliant Dynamic Control"**, pp.177-190, New trends in Medical and Service Robots - Theory and Integrated Applications, Series Mechanisms and Machine Science Vol. 16, ISSN 2211-0984, ISSN 2211-09920(electronic), ISBN 978-3-319-01592-7 (eBook), ISBN 978-3-319-01591-0 DOI 10.1007/978-3-319-01592-7, Library of Congress Control Number: 2013945785, Springer Cham Heidelberg New-York Dordrecht London, (2013).
5. **Pisla D.L., Cocorean D., Vaida C., Gyurka B., Pisla A. and Plitea N., "Kinematic and Dynamic Simulation of a Reconfigurable Parallel Robot"**, Proc. 3rd IFToMM International Symposium on Robotics and Mechatronics, 2-4 October 2013, Singapore, Published by Research Publishing Services, doi:10.3850/978-981-07-7744-9_077, ISBN: 978-981-07-5983-4, (2013).

Selected publications

6. Niemann J., **Pisla A.**, "Factory Layout Design and Optimisation Using Plavis Vistable", ICPR - 2014 International Conference on Production Research – Regional Conference Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 358-363, ISBN: 978-973-662-978-5(2014).
7. **Pisla A.**, Vaida C.L., Pisla D., "A SYSTEMATIC OVERVIEW OF THE IOS – INSTRUCTOR OPERATION STATION DESIGNED FOR SPACE APPLICATIONS", ICPR -2014 International Conference on Production Research – Regional Conference Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 388-393, ISBN: 978-973-662-978-5(2014).
8. **Pisla A.**, Roman-Crisan D., "CONSIDERATIONS REGARDING THE PRODUCTLIFECYCLE MANAGEMENT WITHIN THE PROCESS CONTROL SYSTEMS", ICPR-2014 International Conference on Production Research – Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 394-399, ISBN: 978-973-662-978-5.
9. **Vartolomei A.M.**, Niemann J., Pisla A., "Considerations over dependencies within the technological culture and lifecycle management", ICPR-2014 International Conference on Production Research – Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 499-502, ISBN: 978-973-662-978-5.
10. **Pisla A.**, Vaida C., "TESTING CAPACITY FOR SPACE TECHNOLOGY SUPPLIERS", New Trends in Medical and Service Robots - Challenges and Solutions, Series Mechanisms and Machine Science, Springer Vol. 20, pp. 369-384, ISBN 13: 9783319054308, (2014).
11. **Pisla A.**, Cocorean D., Vaida C.L., Pisla D., "DEVELOPMENT OF A VIRTUAL TESTING PLATFORM WITHIN AN INSTRUCTOR OPERATION STATION", International Workshop and Summer School on Medical and Service Robotics, July 10 – 12, 2014, EPFL Lausanne, Switzerland, *New Trends in Medical and Service Robots*, Series *Mechanisms and Machine Science*, Springer, Vol. 38, 239-252, ISBN: 978-3-319-23831-9, (2014).
12. Pisla D., Cocorean D., Vaida C., Gherman B, **Pisla A.**, "Application Oriented Design and Simulation of an Innovative Parallel Robot for Brachytherapy" ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Buffalo, USA, pag. V05BT08A012-V05BT08A012, 17 August (2014).
13. **Pisla A.**, Ilisiu M.E., "RESEARCHES ON THE CHARACTERISATION MODELING AND SIMULATION OF THE AVIATION INDUSTRY HYDRAULIC SYSTEMS", RMEE-2014, Review of Management and Economic Engineering, 4th International Management Conference, "The Management Between Profit and Social Responsibility", Cluj-Napoca, Romania, 18th-20th September (2014).
14. **Pisla A.**, Pisla, D., Cocorean, D., Vaida, C. "A simulated environment for the ISS docking procedure", 13th Symposium on Advanced Space Technologies in Robotics and Automation, European Space Agency, ESA/ESTEC Noordwijk, the Netherlands, , ASTRA 2015, Abstract Book, pp. 98. 11-13 May, (2015).
15. Vaida C., Covaciu F., Gherman B., **Pisla A.**, Plitea N., "Development of a Control Architecture for a Hexa Parallel Robot", IEEE International Conference on Automation, Quality ant Testing, Robotics, Cluj-Napoca, Romania, pag. R2/126/1-6, IEEE Catalog Number: CFP16AQT-USB, ISBN: 978-1-4673-8691-3,19-21 May, (2016). **PARALEL KINEMATICS ROBOTS**, ICPR – QIEM 2016, International.
16. **Pisla A.**, Covaciu A.F., "ALTERNATIV SOLUTIONS FOR ECONOMIC ACTUATION OF THE Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, Proceedings, ISBN 978-606-737-180-2, pag. 6-11, 25-30 July , Cluj-Napoca, Romania (2016).
17. **Pisla A.**, Irimias T., Gherasim M., **LIFECYCLE MANAGEMENT AS TECHNOLOGICAL CULTURE** ICPR – QIEM 2016, International Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, Proceedings, ISBN 978-606-737-180-2, pag. 12-17, 25-30 July , Cluj-Napoca, Romania (2016).
18. [Vaida, C](#) (Vaida, Calin); [Pisla, D](#) (Pisla, Doina); [Covaciu, F](#) (Covaciu, Florin); [Gherman, B](#) (Gherman, Bogdan); [Pisla, A](#) (Pisla, Adrian); [Plitea, N](#) (Plitea, Nicolae), "DEVELOPMENT OF A CONTROL SYSTEM FOR A HEXA PARALLEL ROBOT", Book Series: IEEE International Conference on Automation Quality and Testing Robotics(AQTR), Cluj Napoca, ROMANIA, MAY 19-2, Pag: 213-218, Publisher IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, Research Areas: Automation & Control Systems; Engineering; Robotics, Web of Science Categories:Automation & Control Systems; Engineering, Electrical & Electronic; Robotics, Document Type: Proceedings Paper, Language: English, Accession Number: WOS:000390997900036, ISBN:978-1-4673-8690-6, ISSN: 1844-7872, IDS Number: BG6YM, Cited References in Web of Science Core Collection (March 08.2017: [11](#), (2016).

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