

LISTA LUCRĂRILOR PUBLICATE

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A) Lista lucrarilor relevante pentru realizările profesionale obtinute ulterior conferirii titlului de doctor în stiinta, incluse în dosar

1. Lungu, Florin – *Modelarea functionarii sistemelor flexibile de fabricatie cu ajutorul teoriei jocurilor*, Ed. Dacia, Cluj-Napoca, 2006, ISBN (13) 978-973-35-2140-2.
2. Filip, D., Lungu, F., *The management of small and unique production series*, LAMBERT Academic Publishing, Saarbrucken, Germany, 2013, ISBN 978-3-659-31753-8.
3. Florin Lungu, Ioan Abrudan, *A comparative study of costs obtained as different ways of simulation of Flexible manufacturing Systems*, Preprints of the 4th International Federation of Automatic Control Conference on Management and Control of Production and Logistics, IFAC-MCPL 2007, September 27-30, Sibiu, vol. 3, pag. 819, ISBN 978-973-739-481-1.
4. F. Lungu, *A new approach in the usage of value analysis in the dimension of Flexible Manufacturing Systems*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2007, volume VI (XVI), sect. S4, pag. 362, ISSN 1583-0691.
5. F. Lungu, *The analysis of the elasticity of the frequencies entrance of products into a Flexible Manufacturing System simulated with help of mathematical games theory*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2008, volume VII (XVII), sect. S4, CD-ROM Edition, pag. 2416-2419, ISSN 1583-0691.
6. Lungu, F., Abrudan, I., Sucala, V., Chis, I., *A comparative study of the usage of math games theory in the analysis of production task in the Flexible Manufacturing Systems*, Proceedings of the 6th International Conference on the Management of Technological Changes, September 3-5, 2009, Alexandroupolis, Greece, vol.1, pag. 513, ISBN 978-960-89832-6-7; 978-960-89832-7-4 (vol.1).
7. Chis, I.A., Lungu, F., *Analiza comparativa intre metodele de determinare a nucleului tipologic*, Revista de Management si Inginerie Economica, nr.3 (37), 2010, volumul 9, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 109-124.
8. Ionuț Adrian CHIȘ, Florin LUNGU, Călin Ciprian OȚEL, Claudiu Ioan ABRUDAN, *Software for modeling Flexible Manufacturing Systems operations using Game Theory*, Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: „Management of Crisis or Crisis of Management?”, Cluj-Napoca, 15th-17th September 2011, Romania, p.61-70, ISSN 2247-8699, ISSN-L 2247-8699.
9. Lungu, F., Filip, D., Otel, C., Dan, S., *Metoda pentru gestionarea productiei de serie mica si unicate*, Review of Management and Economic Engineering, vol. 11, no. 1/2012, Todesco Publishing House, Cluj-Napoca, p.141-150, ISSN 1583-624X.
10. Lungu, F., Puscasu, A.M., *What is neuroeconomics (II)? Experimental neuroeconomics and game theory*, Review of Management and Economic Engineering, vol. 12, no. 1/2013, Todesco Publishing House, Cluj-Napoca, p.17, ISSN 1583-624X.

B) Teza de doctorat

Cercetari si contributii privind managementul sistemelor flexibile de fabricatie; data sustinerii: 8 aprilie 2005; domeniul: Inginerie Industriala; conducator: Prof.dr.ing.,ec. Ioan Abrudan, Universitatea Tehnica din Cluj-Napoca; diploma nr. 182/27 iunie 2005.

C) Carti si capitole in carti

C1) Carti in edituri internationale

1. Filip, D., Lungu, F., *The management of small and unique production series*, LAMBERT Academic Publishing, Saarbrucken, Germany, 2013, ISBN 978-3-659-31753-8.

C2) Carti (monografii) in edituri nationale

1. Abrudan, I., Candea, D., Lungu, F., s.a. *Manual de inginerie economica. Ingineria si managementul sistemelor de productie*, Editura Dacia, Cluj-Napoca, 2002, ISBN 973-35-1588-4.
2. Florin Lungu, Laura Bacali, Sorin Suteu, *Competente in afaceri*, 2003, Editura Risoprint, Cluj-Napoca, 2003, ISBN 973-656-452-5.
3. Lungu, Florin – *Modelarea functionarii sistemelor flexibile de fabricatie cu ajutorul teoriei jocurilor*, Ed. Dacia, Cluj-Napoca, 2006, ISBN (13) 978-973-35-2140-2.
4. Lungu, Florin (coordonator), s.a., *Management si Inginerie in Afaceri. Manualul calificarii*, Ed. UTPRESS, Cluj-Napoca, 2010, ISBN 978-973-662-579-4.
5. Lungu, F., *Sisteme moderne de productie*, Ed. Porti Deschise, Cluj-Napoca, 2013, ISBN 978-606-92985-6-5.

C3) Indrumatoare de lucrari, culegeri de probleme in edituri nationale

1. Ioan Abrudan, Florin Lungu, *Sisteme productive. Teste grila*, Editura Dacia, Cluj-Napoca, 2000, ISBN 973-35-1002-5.
2. Abrudan, I., Sucala, V., Lungu, F., *Proiectarea sistemelor de stocuri*, Editura Dacia, 2001, Cluj-Napoca, ISBN 973-35-1188-9.
3. Abrudan, I., Lungu, F., Sucala, V., *Proiectarea sistemelor de fabricatie*, Editura Dacia, 2001, Cluj-Napoca, ISBN 973-35-1189-7.
4. Ioan Abrudan, Florin Lungu, *Sisteme de stocuri si capacitatea de productie. Teste grila*, Editura Todesco, Cluj-Napoca, 2006, ISBN 973-7695-09-7.
5. Lungu F., Abrudan, I., (coordonatori) s.a., *Ingineria sistemelor de productie. Indrumator de lucrari*, Editura Todesco, Cluj-Napoca, 2013, ISBN 978-606-595-025-2.
6. Lungu F., Abrudan, I., (coordonatori) s.a., *Managementul operatiilor. Indrumator de lucrari*, Editura Todesco, Cluj-Napoca, 2013, ISBN 978-605-595-026-9.

D) Articole publicate in reviste din fluxul stiintific international

D1) Articole publicate in reviste ISI

1. Lungu, R., Lungu, F., *Quality management systems grounded on Islamic values*, Actual Problems of Economics, No. 11 (125) 2011, Kiev, Ucraina, pag. 404-414, ISSN 1993-6788, revista indexata ISI (factor de impact 0,04).

2. Ciupan, E., Lungu, F., Ciupan, C., *Method of Control of Robots to Avoid Obstacles*, International Journal of Computers Communications & Control, Univ. Agora, Oradea, ISSN 1841-9844, Volume 9, Issue 5 (October), pag. 540-555, revista indexata ISI (factor de impact 0,694).

D2) Articole publicate in reviste indexate BDI

1. Soporan, V., Zirbo, Gh., Lungu, F., *Study about convergence of numerical calculation methods which are used for unidimensional model of solidification process*, S&C '94, The International Conference of Solidification and Crystallization of Metals, Czestochova, Poland, april 1994, publicată in "Solidification of Metals and Alloys", nr.20, pag.141-148, ISSN 0208-9386. (Google Scholar)
2. Soporan, V., Constantinescu, V.R., Lungu, F., *Analyzing and estimative system of specific models of solidification process of casting (part one)*, S&C '94, The International Conference of Solidification and Crystallization of Metals, Czestochova, Poland, april 1994, publicată in "Solidification of Metals and Alloys", nr.20, pag.122-130, ISSN 0208-9386. (Google Scholar)
3. Soporan, V., Constantinescu, V.R., Lungu, F., *Analyzing and estimative system of specific models of solidification process of casting (part two)*, S&C '94, The International Conference of Solidification and Crystallization of Metals, Czestochova, Poland, april 1994, publicată in "Solidification of Metals and Alloys", nr.20, pag.131-140, ISSN 0208-9386. (Google Scholar)
4. F. Lungu, I. Abrudan, C. Otel, *Considerations on the new approaches in the simulation of Flexible Manufacturing Systems with help of mathamatical games theory*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2007, volume VI (XVI), sect. S4, pag. 363, ISSN 1583-0691. (Google Scholar)
5. F. Lungu, *A new approach in the usage of value analysis in the dimension of Flexible Manufacturing Systems*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2007, volume VI (XVI), sect. S4, pag. 362, ISSN 1583-0691. (Google Scholar)
6. F. Lungu, *The analysis of the elasticity of the frequencies entrance of products into a Flexible Manufacturing System simulated with help of mathematical games theory*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2008, volume VII (XVII), sect. S4, CD-ROM Edition, pag. 2416-2419, ISSN 1583-0691. (Google Scholar)
7. Sucala, V.I., Abrudan, I., Lungu, F., *Elitele - un actor cheie in jocul organizational*, Revista de Management si Inginerie Economica, nr.4 (34), 2009, volumul 8, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 21-27. (EBSCO, ULRICH'S)
8. Chis, I.A., Lungu, F., *Analiza comparativa intre metodele de determinare a nucleului tipologic*, Revista de Management si Inginerie Economica, nr.3 (37), 2010, volumul 9, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 109-124. (EBSCO, ULRICH'S)
9. Călin Ciprian OȚEL, Florin LUNGU, Daniel FILIP, Ionuț Adrian CHIȘ, *Products' features versus manufacturing system's features with customization on the processing of a batch of shafts on a turning module*, Review of Management and Economic Engineering, vol. 10, no. 3(41)/2011, Todesco Publishing House, Cluj-Napoca, p.53-62, ISSN 1583-624X. (EBSCO, ULRICH'S)
10. Lungu, F., Filip, D., Otel, C., Dan, S., *Metoda pentru gestionarea productiei de serie mica si unicate*, Review of Management and Economic Engineering, vol. 11, no. 1/2012, Todesco Publishing House, Cluj-Napoca, p.141-150, ISSN 1583-624X. (EBSCO, ULRICH'S)
11. Puscasu, A.M., Lungu, F., *What is neuroeconomics (I) ?*, Review of Management and Economic Engineering, vol. 11, no. 4/2012, Todesco Publishing House, Cluj-Napoca, p.23-26, ISSN 1583-624X. (EBSCO, ULRICH'S)

12. Lungu, F., Puscasu, A.M., *What is neuroeconomics (II)? Experimental neuroeconomics and game theory*, Review of Management and Economic Engineering, vol. 12, no. 1/2013, Todesco Publishing House, Cluj-Napoca, p.17, ISSN 1583-624X. (EBSCO, ULRICH'S)
13. Pirau, L.C., Bacali, L., Lungu, F., *Research on Competitiveness*, International Global Research Analysis Journal, vol. 2, no. 9, 2013, pag. 111-113, ISSN 2277-8160. (EBSCO)
14. Feniser, C., Lungu, F., *Some Aspects about Innovation Strategy of Firms in the Industry*, Applied Mechanics and Matherials, vol. 657, (2014), Trans Tech Publications, Switzerland, doi: 10.4028, www.scientific.net, pag. 1036-1040. (Google Scholar, EBSCO)

D3) Articole publicate in reviste nationale neindexate

1. Abrudan, I., Lungu, F., Abrudan, M., *Considerații privind optimizarea regimurilor de lucru in sistemele flexibile*, Sesiunea anuală de comunicări științifice, mai, 1996, Oradea, publicată în Analele Universității din Oradea, Fascicola Mecanică, pag. 21-26.
2. Abrudan, I., Lungu, F., *Influența ideii religioase asupra managementului românesc*, Sesiunea anuală de comunicări științifice, mai, 1996, Oradea, publicată în Analele Universității din Oradea, Fascicola Științe Economice, pag. 185-192.
3. Bojan, I., Lungu, F., *Determination of the economic flexibility of FMS using the computer*, publicată în Buletinul Științific al U.T.C.-N., 1997, pag.73-80.
4. Bojan, I., Lungu, F., *Models Used in the Evaluation of the Flexible Manufacturing System Performances*, publicată în Buletinul Științific al U.T.C.-N., "Acta Technica Napocensis", 1997, pag. 61-67.
5. Bojan, I., Lungu, F., *The Evaluation Assisted by Computer of the Flexible Manufacturing System Performances*, publicată în Buletinul Științific al U.T.C.-N., "Acta Technica Napocensis", 1997, pag.55-61.
6. Abrudan, I., Lungu, F., *Modelarea sistemului de gestiune a stocurilor cu urmărire continuă (s,Q) cu ajutorul rețelelor Petri*, Sesiunea de comunicări științifice "Economia României la orizontul anului 2000", 1998, Cluj-Napoca, publicată în "Studii și cercetări economice", pag. 215-220.
7. Bojan, I., Lungu, F., *The analysis of the materials flow into a flexible manufacturing system with the help of the transition probabilities of workpieces between the stations of the system*, International Conference on Manufacturing Systems, 14-15 oct., 1998, București, publicată în TCMM nr. 33, Ed. Tehnică, pag.141-148.
8. Bojan, I., Lungu, F., *The Balance Assisted by the Computer of Production Capacities and Labor Staff in the Production Systems with More Stages*, publicată în Buletinul Științific al U.T.C.-N., "Acta Technica Napocensis", 1998, pag. 235-241.
9. Bojan, I., Lungu, F., *Determining Assisted by Computer of Flexible Manufacturing Systems Fiability*, publicată în Buletinul Științific al U.T.C.-N., "Acta Technica Napocensis", 1998, pag. 241-245.
11. Abrudan, I., Lungu, F., *Modelarea sistemului periodic (S,R) de gestionare a stocurilor cu ajutorul rețelelor Petri*. Simpozionul internațional "Beyond 2000 : Engineering Research Strategies", Sibiu, 1999, publicată în Buletinul Științific "Acta Universitatis Cibiniensis", vol.39, p.17.
12. Abrudan, I., Lungu, F., *Mediul cultural românesc ca premisa pentru activitatea managerială*. Buletinul AGIR nr.1/2000 "Informație și management", ISSN 1224-7928, pag. 2-10.
13. Suteu, S., Carean, M., Lungu, F., *Forme juridice de organizare a afacerilor in alte tari*. Buletinul AGIR nr.1/2000 "Informație și management", ISSN 1224-7928, pag. 55-58.

14. Abrudan, I., Lungu, F., Suteu, S., *Unele particularitati ale utilizarii teoriei matematice a jocurilor la analiza sarcinii de productie din sistemele flexibile de fabricatie*, Revista "RECENT", ISSN 1582-0246, Universitatea "Transilvania" Brasov, nr.2/2000, vol 1, pag.11-13.
15. Lungu, F., Suteu, S., Danciu, A., *Studiu de piata privind distributia medicamentelor de uz veterinar in Cluj-Napoca*, Analele Universitatii din Oradea, volumul I, 2002, ISSN 1582-3105, pag.103-109.
16. Bacali, L., Abrudan, I., Lungu, F., Pop, D., *Cercetare privind cererea de pregatire universitara in inginerie economica*, Analele Universitatii din Oradea, volumul I, 2002, ISSN 1582-3105, pag.21-31.
17. Suteu, S., Lungu, F., *Asupra unor forme de organizare a afacerilor*, Analele Universitatii din Oradea, volumul I, 2002, ISSN 1582-3105, pag.199-205.
18. Suteu, S., Lungu, F., *Declinul si schimbarea organizationala*, Analele Universitatii din Oradea, volumul I, 2002, ISSN 1582-3105, pag. 205-209.
19. Lungu Florin, *Consideratii asupra utilizarii retelelor Petri in modelarea sistemelor flexibile de fabricatie*, Revista de Management si Inginerie Economica, nr.1, 2002, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 104-109.
20. Lungu Florin, Abrudan Ioan, *Modelarea functionarii sistemelor flexibile de fabricatie cu succesiune predeterminata de intrare a tipurilor de piese, utilizand teoria matematica a jocurilor*, Revista de Management si Inginerie Economica, nr.1, 2002, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 102-104.
21. Sorin Suteu, Florin Lungu, *Viziunea - punctul de plecare al planificarii strategice*, Revista de Management si Inginerie Economica, nr.1, 2002, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 5-9.
22. Sorin Suteu, Florin Lungu, *Formulara misiunii - etapa a procesului de planificare strategica*, Revista de Management si Inginerie Economica, nr.2, 2002, Editura Todesco, Cluj-Napoca, ISSN 1583-624X, pag. 5-9.
23. Lungu Florin, *Some considerations on the analysis of quality costs*, 2003, Annals of the Oradea University, Fascicle of Management and Technological Engineering, ISSN 1583-0691, pg. 158.
24. Lungu Florin, Abrudan Ioan, *The simulation of the functioning of the (s,S,R) system of inventory management with the help of Petri networks*, 2003, Annals of the Oradea University, Fascicle of Management and Technological Engineering, ISSN 1583-0691, pg. 159.
25. Lungu, F., *Vilfredo Pareto*, Revista de Management si Inginerie Economica, nr.1(9)/2004, vol. 3, ISSN 1583-624X, pag. 101-102.
26. Bacali, L., Lungu, F., *Functia nivelului de competitivitate a unui nou produs industrial comparativ cu produsul lider de piata*, Revista Marketing-Management, anul XIV, vol.1-2 (79-80)/2004, ISSN 1222-9105, pag. 10-16.
27. Abrudan, I., Lungu, F., Otel, C., *On the possibilities of the working regimes optimization in the Flexible Manufacturing Systems*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2006, volume V (XV), sect. S4, pag. 271, ISSN 1583-0691.
28. Abrudan, I., Lungu, F., Manole, I., *Dilemma and solutions in the management of Flexible Manufacturing Systems*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2006, volume V (XV), sect. S4, pag. 272, ISSN 1583-0691.
29. Lungu, F., *A computer program for to determine the optimum entrance sequence of the parts type in to the Flexible Manufacturing System*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, 2006, volume V (XV), sect. S3, pag. 160, ISSN 1583-0691.

E) Publicatii aparute in lucrari ale principalelor conferinte internationale

E1) Publicatii in volumele unor conferinte internationale indexate ISI

1. F. Lungu, I. Abrudan, L. Bacali, V. Sucala, *Considerations on the usage of Hamming distance for the determination of unit lot in the Flexible Manufacturing System*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 115-118.
2. F. Lungu, I. Abrudan, L. Bacali, I. Bojan, V. Sucala, *Some particularities of the usage of math games theory in the simulation of Flexible Manufacturing System*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 119-122.
3. L. Bacali, F. Lungu, G.P. Luca, *Some aspects on the environment protection in Romania*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 5-8.
4. L. Bacali, F. Lungu, G.P. Luca, *The support function for the decision of launching a new product*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 9-14.
5. I. Bojan, F. Lungu, R. Cordos, *The modelling of an enterprise using processes*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 243-246.
6. I. Bojan, F. Lungu, R. Cordos, M. Turcu, *Aspects of the deduction of paying off of the financial results of the financial exercise*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 285-290.
7. C.G. Bacila, Z.G. Baki-Hari, F. Lungu, *Concurrent engineering - a new product development strategy*, 2003, 3-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-03-1, pag. 347-352.
8. Lungu, F., Abrudan, I., *Research on the apply of math games theory in the simulation of Flexible manufacturing systems (FMS)*, 2005, 4-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-05-8, pag. 59-65.
9. Lungu, F., Abrudan, I., *Some aspects on the simulation of Flexible manufacturing systems (FMS), with the help of math games theory*, 2005, 4-th International Conference on the Management of Technological Changes, Chania, Greece, ISBN 960-8475-05-8, pag. 65-71.
10. F. Lungu, I. Abrudan, C. Otel, *Considerations on the optimization of working processes in the Flexible Manufacturing Systems*, Proceedings of the 5th International Conference on the Management of Technological Changes, August 25-26, 2007, Alexandroupolis, Greece, vol.1, pag. 69, ISBN 978-960-8932-0-5; 978-960-8932-1-2 (vol.1).
11. Lungu, F., Abrudan, I., *Researches upon modeling the Flexible Manufacturing System's running with the help of the mathematical games theory*, Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium, 24-27 October 2007, Zadar, Croatia, published by DAAAM International, Vienna, Austria, pag. 429, ISSN 1726-9679, ISBN 3-901509-58-5.
12. Lungu, F., Abrudan, I., Otel, C., *The usage of math games theory in the optimization of working time of a top manager*, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, 22-25 October 2008, Trnava, Slovakia, published by DAAAM International, Vienna, Austria, pag. 761-762, ISSN 1726-9679, ISBN 978-3-901509-68-1.
13. Lobontiu, G., Abrudan, I., Lungu, F., *Solution for optimizing the managerial work*, Proceedings of the 6th International Conference on the Management of Technological Changes, September 3-

- 5, 2009, Alexandroupolis, Greece, vol.2, pag. 537, ISBN 978-960-89832-6-7; 978-960-89832-8-1 (vol.2).
14. Lungu, F., Abrudan, I., Sucala, V., Chis, I., *A comparative study of the usage of math games theory in the analysis of production task in the Flexible Manufacturing Systems*, Proceedings of the 6th International Conference on the Management of Technological Changes, September 3-5, 2009, Alexandroupolis, Greece, vol.1, pag. 513, ISBN 978-960-89832-6-7; 978-960-89832-7-4 (vol.1).
15. Lungu, F., Abrudan, I., Otel, C., *Researches concerning the determination of the extra-costs in FMS using „The papers salesman's model” when turning a family of straight shafts*, Proceedings of the 6th International Conference on the Management of Technological Changes, September 3-5, 2009, Alexandroupolis, Greece, vol.1, pag. 249, ISBN 978-960-89832-6-7; 978-960-89832-7-4 (vol.1).
16. Sucala, V.I., Abrudan, I., Lungu, F., *Organizational culture as a game*, Proceedings of the 6th International Conference on the Management of Technological Changes, September 3-5, 2009, Alexandroupolis, Greece, vol.1, pag. 421, ISBN 978-960-89832-6-7; 978-960-89832-7-4 (vol.1).
17. Lungu, R., Lungu, F., *An Islamic Approach of Implementing a Management System Based on Religious Values*, Proceedings of the 1st International Management Conference „Twenty Years After - How management Works”, 16-18 Septembrie 2010, Cluj-Napoca, Todesco Publishing House, ISBN 978-973-7695-99-4, pag. 432-440.
18. Ionuț Adrian CHIȘ, Florin LUNGU, Călin Ciprian OȚEL, Claudiu Ioan ABRUDAN, *Software for modeling Flexible Manufacturing Systems operations using Game Theory*, Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: „Management of Crisis or Crisis of Management?”, Cluj-Napoca, 15th-17th September 2011, Romania, p.61-70, ISSN 2247-8699, ISSN-L 2247-8699.
19. Remus LUNGU, Florin LUNGU, *God's Governance according to the Swedwnborg's Spiritual Worldview and Its Consequences on the Management of Organizations*, Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: „Management of Crisis or Crisis of Management?”, Cluj-Napoca, 15th-17th September 2011, Romania, p.461-470, ISSN 2247-8699, ISSN-L 2247-8699.
20. Călin Ciprian OȚEL, Florin LUNGU, Ionuț Adrian CHIȘ, *Inroad into the Romania's ante and post-December economy in terms of production - progress or regress?*, Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: „Management of Crisis or Crisis of Management?”, Cluj-Napoca, 15th-17th September 2011, Romania, p.523-532, ISSN 2247-8699, ISSN-L 2247-8699.
21. E. Ciupan, F. Lungu, C. Ciupan, *A Method for Training a Neural Network with a Small Number of Examples Used for Robot Control*, ICCCC 2014, 5th International Conference on Computers, Communications & Control, Romania, Oradea, May 6-10, 2014, ISSN 1844-4334, pag. 36, in curs de indexare.
22. E. Ciupan, F. Lungu, C. Ciupan, *Neural Model Used To Predict The Cost Of Abrasive Waterjet Cutting Process*, ICCCC 2014, 5th International Conference on Computers, Communications & Control, Romania, Oradea, May 6-10, 2014, ISSN 1844-4334, pag. 37, in curs de indexare.
23. C. Ciupan, E. Ciupan, F. Lungu, *Adapting Your Teaching of IP Rights to the Audience*, 2014 International Conference on Production Research, Regional Conference Africa, Europe and the Middle East and 3rd International Conference on Quality and Innovation in Engineering and Management, July 1-5, 2014, Cluj-Napoca, Romania, Proceedings, pag. 93-97, in curs de indexare.

E2) Publicatii in volumele unor conferinte internationale indexate BDI

1. Florin Lungu, Ioan Abrudan, *A comparative study of costs obtained as different ways of simulation of Flexible manufacturing Systems*, Proceedings of the 4th International Federation of Automatic Control Conference on Management and Control of Production and Logistics, IFAC-MCPL 2007, September 27-30, Sibiu, vol. 3, pag. 819, ISBN 978-973-739-481-1. (Google Scholar)
2. Lungu, F., Puscasu, A.M., *Research on determination behavioral abnormalities in making economic decision*, Proceedings of the 3rd Review of Management and Economic Engineering Management Conference, Cluj-Napoca, 13th-15th September 2012, Romania, p.294-299, ISSN 2247-8639, ISSN-L 2247-8639. (EBSCO)
3. Lungu, R., Lungu F., *Workplace Spirituality in a Christian Orthodox Country. Differences between East and West*, Proceedings of the 3rd Review of Management and Economic Engineering Management Conference, Cluj-Napoca, 13th-15th September 2012, Romania, p.61-71, ISSN 2247-8639, ISSN-L 2247-8639. (EBSCO)

E3) Publicatii in volumele altor conferinte internationale

1. Soporan, V., Lungu.F., *Some aspects concerning at the physical-mathematical simulation of the thermal specific phenomenons by the solidification process of casting pieces*, Proceedings of the 11th International Conference on Process Control and Simulation, 1994, September 19-20, Kosice, Slovak Republic, pag.402-408.
2. Rusu,T., Lungu.F., *The studies on the optimisation of mould mixtures characteristics in view of improvement of casting pieces quality*, Proceedings of the 12th International Conference on Process Control and Simulation, 1996,September 10-13, Kosice, Slovak Republic, pag.164-168.
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4. Abrudan, I., Lungu.F., Vlad,R., *Some considerations on the implication of logistics in the development of metallurgy*, Proceedings of the 12th International Conference on Process Control and Simulation, 1996, September 10-13, Kosice, Slovak Republic, pag.325-330.
5. Abrudan,I., Lungu.F., Vlad,R., Jidav,M., *The considerations on Flexible Manufacturing System's programming*, Proceedings of the 12th International Conference on Process Control and Simulation, 1996, September 10-13, Kosice, Slovak Republic, pag.325-330.
6. Lungu.F., Abrudan,I., Bacali, L., Bojan, I., *Considerations About the Using of Petri Networks in the Building Flexible Manufacturing System Models : Load-Unload Operations, Pallets, Machines*, publicată în "A strategia, termeles, logisztika es minoseg menedzsmentje", Nemzetkozi vezetesi konferencia, 5-7 mai 1999, Veszpremi Egyetem, Hungary, pag.334-339.
7. Bacali, L., Lungu, F., Tudose, L., Bojan, I., *The study of the approach of the strategic marketing planning process into romanian companies*, publicată în "A strategia, termeles, logisztika es minoseg menedzsmentje", Nemzetkozi vezetesi konferencia, 5-7 mai 1999, Veszpremi Egyetem, Hungary, pag.163-166.
8. Lungu. F., Suteu, S., Bacila, G., Bacali, L., *Considerations on the process manufacturing simulation with the help of Petri network*, International Computer Science Conference MicroCAD'2000, 23-24 february 2000, Miskolc, Hungary, section I, ISBN 963-661-422-9, pag.121-126.

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10. I. Abrudan, J. Niemann, M. Galis, F. Lungu, *Considerations concerning programming the production in FMS using the math games theory*, The 5th International Conference on Engineering Design and Automation EDA 2001, Las Vegas, SUA, pag.175.
11. F. Lungu, A. Abrudan, L. Bacali, S. Suteu, *A New Approach in the Programming of Production task in the Flexible manufacturing System (FMS) Using Mathematical Games Theory*, MicroCAD International Scientific Conference 7-8 March, University of Miskolc, Hungary, 2002, section F, pag.137-140, ISBN 9636615152.
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15. Ioan Bojan, Florin Lungu, *The practice firm and the business incubator, ways of enterprenorialship spirit forming*, 2003, 7-th International Research/Expert Conference TMT2003, Barcelona, Spain, ISBN 9958-617-18-8, pag. 985-987.
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17. Lungu, F., Abrudan, I., Bacali, L., *Some particularities of the usage of math games theory in the analysis of transition costs from the Flexible Manufacturing Systems*, Conferinta Stiintifica Internationala TMCR2003, Chisinau, Rep. Moldova, 2003, vol. 5, ISBN 9975-9748-5-6, pag. 187-190.
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21. Turcu, M., Bacali, L., Tescula, C., Lungu, F., *Quelques considerations sur les PME roumanines*, CD-ul conferintei internationale „9-emes Journees Scientifiques du Reseau Entrepreneuriat de l' Agence Universitaire de la Francophonie”, Cluj-Napoca, 1-4 iunie 2005, ISBN 973-662-166-9.

E4) Publicatii in volumele unor conferinte nationale

1. Abrudan, I., Lungu, F., *Managementul romanesc dinspre traditie spre performanta*, Simpozionul "Tehnica si Ingineria Prezentului", organizat in cadrul Zilelor Academice Clujene, 19 nov. 1996, pag.37-43.
2. Bojan, I., Căndea, D., Cărean, M., Lungu, F., *The calculation of the time corresponding to a planning period in manufacturing systems with more stages*, Simpozionul Internațional DAAAM, organizat de Universitatea Tehnică Cluj-Napoca, 22-24 octombrie 1998.
3. Abrudan, I., Lungu, F., Sucala, V., Vlad, R., *Experimentul "Paradigma management" de la Universitatea Tehnica din Cluj-Napoca*, Zilele Academice Clujene. Stiinta, inginerie, eficienta, Editura U.T. Press, Cluj-Napoca, 1998, p.22.
4. Bacali L., Luca G. P., Lungu F., *O propunere de functie pentru evaluarea nivelului de competitivitate a unui produs nou, comparativ cu produsul lider pe piata*, Al V-lea Simpozion International de Management "Managementul organizatiilor in pragul mileniului III", Timisoara, 1999, pag. 257-260.
5. Lungu, F., Abrudan, I., *Unele particularitati ale functionarii sistemelor flexibile de fabricatie in concordanta cu teoria matematica a jocurilor*, Volumul Sesiunii de comunicari stiintifice 27-28 oct. 2000, Tg. Mures, ISBN 973-8084-17-2, pag. 65-70.
6. Ioana Călăcean, Florin Lungu, *Studiu privind dimensionarea necesarului de personal in cadrul atelierului matrite de la SC Michelin SA Zalau*, volumul Sesiunii stiintifice „O cariera in inginerie”, 5 mai 2011, Cluj-Napoca, pag.144-152, ISBN 978-606-504-114-1.

F) Alte contributii stiintifice - Contracte, granturi si rapoarte de cercetare teoretice si aplicative

1. Contract de cercetare nr. 3003/94/C41, incheiat cu Ministerul Invatamantului – D.G.I.S.C.S.U., cu tema "Managementul sistemelor productive. Modelarea sistemelor productive", director Prof.dr.ing. Ioan Bojan de la Univ. Tehnica din Cluj-Napoca, in calitate de **membru** al colectivului de cercetare.
2. Contract de training si consultanta nr. RO 9701.01/L001/025, cu tema "Training and consulting program for the reorganization and perfecting of human resource involved in Marketing and Innovation activities, in companies from the nord-west region of Romania (Salaj, Satu-Mare, Bistrita-Nasaud, Maramures, Mures and Cluj), incheiat cu Programul de Dezvoltare a Resurselor Umane PROGRES, finantat de Uniunea Europeana prin Programul PHARE – in calitate de **membru** al colectivului de cercetare.
3. Contract de Cercetare in marketing educational, derulat in cadrul contractului nr. 35743/5 incheiat cu Banca Mondiala, director Prof.dr.ing.,ec. Ioan Abrudan de la Univ. Tehnica din Cluj-Napoca, cu tema "Strategii de dezvoltare a profilului de inginerie economica, forma de invatamant interdisciplinara, prin cooperare interuniversitara", in calitate de **responsabil** al colectivului de cercetare de la Universitatea Tehnica din Cluj-Napoca, 1999-2001.
4. Contract de cercetare in marketing, incheiat intre Universitatea Tehnica din Cluj – Napoca si firma Bonhomme din Cluj-Napoca, in cadrul Programului LEONARDO DA VINCI NR. R0/99/1/083647/PI/III.3.A/FPI, "CREAREA SI DEZVOLTAREA DE COLEGII DE ORGANIZAREA SI GESTIUNEA PRODUCTIEI LA BISTRITA SI SIBIU, COORDONATE DE CATRE UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA SI UNIVERSITATEA LUCIAN BLAGA DIN SIBIU, URMARIND MODELUL COLEGIILOR O.G.P. DE LA

UNIVERSITATEA POLITEHNICA DIN TIMISOARA SI UNIVERSITATEA TEHNICA DIN CLUJ-NAPOCA" - in calitate de **membru** al colectivului de cercetare.

5. Contract de cercetare cu CNCSIS, nr. tema 51, cod CNCSIS 1223, derulat in anii 2001 si 2002, intitulat "Cercetari privind aplicarea teoriei matematice a jocurilor in modelarea sistemelor flexibile de productie", director Prof.dr.ing.,ec. Ioan Abrudan de la Univ. Tehnica din Cluj-Napoca, in calitate de **membru** al colectivului de cercetare.

6. Contract de cercetare si consultanta in management nr. 1429/1999 incheiat cu SC PANEURO TRADING SRL Targu-Mures intitulat "Elaborarea unui model de strategii operationale pentru imbunatatirea activitatii de gestionare a stocurilor la SC PANEURO TRADING SRL" - **director**.

7. Program MINERVA nr.90120-PT/2001 intitulat : "Transnational Resource Centre on Line", 2002, director conf.dr.ing. Giurgiu Mircea, Catedra Comunicatii, Univ. Tehnica din Cluj-Napoca, **membru** grant.

8. Proiect Leonardo da Vinci RO/00/B/F/PP141125 CONCORDE intitulat *Acquisition of Complementary Competencies through Open and Distance Education*, 2001-2003, director Prof.dr.ing. Mircea Giurgiu de la Univ. Tehnica din Cluj-Napoca, valoare pt. UTCN 31.000 EURO, in calitate de **responsabil** cercetare si analiza a nevoilor de formare profesionala pentru coordonator Universitatea Tehnica din Cluj-Napoca

9. Contract de cercetare cu CNCSIS - 2003, intitulat "Cercetari privind impactul tehnologiei informatiei asupra performantelor tehnico-economice ale firmelor din regiunea de nord-vest a Romaniei", director Prof.dr.ing.,ec. Ioan Bojan de la Univ. Tehnica din Cluj-Napoca, in calitate de **membru** al colectivului de cercetare.

10. Contract de cercetare cu CNCSIS – 2006, intitulat "Cercetari privind utilizarea algoritmilor genetici la modelarea impactului mixului de (eco)-marketing asupra performantelor financiare si de piata ale antreprenoriatului din regiunea de nord-vest a tarii", 7000 RON, director Prof.dr.ing.,ec. Laura Bacali de la Univ. Tehnica din Cluj-Napoca, in calitate de **membru** al colectivului de cercetare.

11. Contract de de cercetare stiintifica internationala intitulat *RECHERCHES SUR LE COMPORTEMENT ENTREPRENEURIAL Y COMPRIS DURABLE DE LA JEUNESSE ET DES FEMMES DANS DES PME DE ROUMANIE, DU CONGO ET DU CANADA - DU STADE ACTUEL AUX PERSPECTIVES DE PROMOTION* , 2006-2007, finantat de catre Agentia Universitara a Francofoniei, in colaborare cu Universitatea Ottawa, Canada, Universitatea Marien Ngouabi, Congo si Universitatea Babes-Bolyai Cluj-Napoca, 18000 EURO, **membru** al colectivului de cercetare.

12. Contract de de cercetare stiintifica internationala FP6 intitulat "*EUROVEX – University Administration Services by using Digital Signature*", 2006-2008, cod C-029384, 26400 EURO pt. 2006, director Prof.dr.ing. Mircea Giurgiu, UTC-N, Catedra Comunicatii, **membru** al colectivului de cercetare.

13. Contract de de cercetare stiintifica internationala de tip eContentPlus intitulat *Key To Nature (K2N)* , 2007-2010, cod ECP-2006-EDU-410019, 37000 EURO pt. 2008, director Prof.dr.ing. Mircea Giurgiu, UTC-N, Catedra Comunicatii, **responsabil** academic al colectivului de cercetare de la UTCN.

14. Contract de cercetare cu CNCSIS de tip « Parteneriate in domeniile prioritare », nr.92074/2008, intitulat *Cercetari comparative privind managementul cunoasterii in institutiile romanesti de educatie universitara inginereasca*, 2008-2011, coordonator Universitatea din Oradea, in calitate de **membru** al colectivului de cercetare de la UTCN (partener).

15. Contract de cercetare cu CNCISIS tip PN-II-IDEI-PCE-2008-2, intitulat *Aplicarea teoriei matematice a jocurilor in studiul culturii organizationale*, 2009-2012, 670353 lei, director, Conf.dr.ing. Voicu Sucala, UTC-N, **membru** al colectivului de cercetare.
16. Contract de cercetare-proiectare nr. 3495/29.03.2010 cu S.C. APASERV S.A. Satu-Mare, intitulat *Sistem de ventilatie pentru reducerea umiditatii in statia de filtrare a apei, de la Uzina de Apa Martinesti a S.C. Apaserv S.A. Satu-Mare*, 2010, valoare totala 26050 lei, **director** de proiect.
17. Proiect POSDRU *Dezvoltare, inovare și extindere a accesului la învățare în programe de master în administrarea afacerilor*, Contract POSDRU /86/1.2/S/61086, coordonator Academia de Studii Economice Bucuresti, 2010-2013, in calitate de **responsabil** academic pentru Universitatea Tehnica din Cluj-Napoca.
18. Proiect POSDRU *Rețea Națională de Formare Continuă a Cadrelor Didactice din Învățământul Preuniversitar Profesional și Tehnic – CONCORD*, Contract POSDRU /87/1.3/S/61397, coordonator Universitatea Politehnica Bucuresti, 2011-2013, in calitate de manager (**responsabil**) formare in Inginerie Industriala si Management pentru Universitatea Tehnica din Cluj-Napoca.
19. Proiect POSDRU *Dezvoltarea capacitatii de implementare a sistemului de calificari din invatamantul superior - DECIS*, Contract POSDRU /86/1.2/S/61152, coordonator Agentia Nationala pentru Calificari, 2010-2013, in calitate **expert** metodologic.
20. Proiect POSDRU *Dezvoltarea abilităților antreprenoriale și manageriale în zona IMM-urilor inovative din România pentru formarea și promovarea parteneriatelor naționale și transnaționale*, Contract POSDRU /92/3.1/S /63922, coordonator Institutul National pentru IMM, 2010-2013, in calitate de **expert** in managementul IMM.
21. Contract de cercetare-dezvoltare nr. 38/09.05.2013 cu S.C. UNIO S.A. Baia-Mare, intitulat, *Cercetari privind posibilitati de crestere a eficientei unor procese tehnologice si de lansare pe piata a unor produse noi in cadrul S.C. UNIO S.A.*, 2013, valoare totala 9300 lei, **director** de proiect.
22. Contract de cercetare-dezvoltare nr. 53/12.12.2014 cu S.C. ENERGO POWER SRL Cluj-Napoca, intitulat, *Cercetari privind realizarea unui sistem de incalzire flexibil cu energie regenerabila din biomasa (SIFERB)*, 2015-2016, valoare totala 45880 lei, **director** de proiect.
23. Contract de cercetare PN-II-PT-PCCA-2013-4-1660, intitulat *Sistem mobil de asistare vocala in reintegrarea persoanelor cu afonii chirurgicale (SWARA)*, director Prof.dr.ing. Mircea Giurgiu, UTCN, in calitate de **membru** al colectivului de cercetare.

Conf.dr.ing. Florin LUNGU

