

Author: prof.dr.eng. Dan SĂVESCU

Title: METHODS OF GROWTH THROUGH INNOVATION AND TECHNOLOGY TRANSFER

Domain: ENGINEERING AND MANAGEMENT

PUBLICATIONS LIST

RELEVANT PAPERS

1. SĂVESCU, D. Some aspects regarding IP in universities (I). Conference „Communication and Management in Technological Innovation and Academic Globalization”- COMATIA, Tenerife, 2010, pag. 84-87, ISBN 978- 960-474-254-7, WOS 000291460100029
2. SĂVESCU, D., POPESCU, R. Technological Transfer Realised by Business Incubators. Revista Metalurgia International, nr 9/2010, Editura Stiințifică F.M.R., pag. 61-65, ISSN 1582-2214, WOS 000285214800011
3. SĂVESCU, D., POPESCU, R. Concepts of Project’s Management. Revista Metalurgia International, nr 9/2010, Editura Stiințifică F.M.R., pag. 66-69, ISSN 1582-2214, WOS 000285214800012
4. SĂVESCU, D., SIMA, G.M., BÂRSAN, S. C. The importance of knowledge in regional development. Proceedings of the 12th European Conference on Knowledge Management, University of Passau, 1-2 Sept. 2011, Germania, 2011, Vol 2, pag. 879-889, ISBN 978-1-908272-10-2, WOS 000300379200099
5. BÂRSAN, S. C., SIMA, G.M., SĂVESCU, D. Knowledge Production and Transfer: Advantages and Costs. Proceedings of the 12th European Conference on Knowledge Management, University of Passau, 1-2 Sept. 2011, Germania, 2011, pag. 65-71, ISBN 978-1-908272-10-2, WOS 000300379200008
6. SIMA, G.M., BARSAN, S.C., SĂVESCU, D. Studying Romanian SMEs. International Symposium Applied Economics, Business and Development, ISAEBD 2011, Dalian, China, August 6-7 2011 publicat in Communications in Computer and Information Science, 2011, vol. 208, pag. 127-130, ISBN 978-3-642-23023-3-18 și în SPRINGER –VERLAG, Berlin, ISBN 978-3-642-23022-6, WOS 000295545200019
7. SĂVESCU, D. “Research for Business” – a New Concept and a Case Study. 2nd International Conference on Applied Social Science, ICASS 2012, Vol 2, pag 339-344, Kuala Lumpur, Malaysia, 2012, ISBN 978-1-61275-006-4, WOS 000303482900063
8. SĂVESCU, D. Aspects regarding the connection between the technologic transfer and regional development. 2nd International Conference on Applied Social Science, ICASS 2012, Vol 2, pag 345-351, Kuala Lumpur, Malaysia, 2012, ISBN 978-1-61275-006-4, WOS 000303482900064
9. SĂVESCU, D., SALCĂ, H., ROMAN, C.M. Market Research and Development Aspects of Innovation in Romania. 2014 4th International Conference on Applied Social Science ICASS 2014, Vol. 51, pag. 156-161, 20-21 March, Singapore, ISBN 978-1-61275-066-8/10, published by IERI Information Engineering Research Institute –SUA, 2014, WOS 000345566300028
10. SĂVESCU, D., SALCĂ, H., ROMAN, C.M. Building Models in Innovation. Some aspects. 2014 4th International Conference on Applied Social Science ICASS 2014, Vol. 52, pag. 94-99, 20-21 March, Singapore, ISBN 978-1-61275-066-8/10, published by IERI Information Engineering Research Institute –SUA, 2014, WOS 000345566600017

PhD THESIS

Studies and research on the influence of constructive and technological parameters on the behavior of specific bearings components" field: ENGINEERING

- Supervisor late professor Ion Crudu
- Supported on May 12, 1995 at the " Dunărea de Jos" University of Galați
- Certified by the Minister of Education no . 4325/28 June 1995

PATENTS

1. RĂDULESCU, C.D., Achiriloaie, I., Mogan, Gh., Munteanu, O., SĂVESCU, D., Cozma, R. Two planetary gear wheels. Brevet RSR nr.88610 din 30.10.1985.
2. RĂDULESCU, C.D., Mogan, Gh., Achiriloaie, I., Radu, A., Munteanu, O., SĂVESCU, D. Manipulator. Brevet RSR nr.90531 din 20.06.1986.
3. MITRAN, M. G., STROE, I., SĂVESCU, D. Hidro station supported by floats having a speed amplifier for water flow .Brevet RO129381 – A0, 2014.

BOOKS / BOOK CHAPTERS

1. SĂVESCU, D. Machine Elements. Assembly Elements used in Mechanical Construction .Brașov, Ed. LUX LIBRIS, 2000, ISBN 973-9428-15-8.
2. SĂVESCU, D. Slip and Rolling Translational Couplings. Ed. BREN, București, 2005, ISBN 973-648-461-0.
3. JULA, A., CHIȘU, E., MOLDOVEAN, Gh., SĂVESCU, D., MOGAN, Gh., VELICU, R. ROLOFF/ MATEK. Machine Elements. Vol. I. Translated from german language. Editura MATRIX ROM, București, 2008. ISBN 978-973-755-412-3.
4. JULA, A., CHIȘU, E., MOLDOVEAN, Gh., SĂVESCU, D., MOGAN, Gh., VELICU, R. ROLOFF/ MATEK. Machine Elements. Vol. II. Translated from german language. Editura MATRIX ROM, București, 2008. ISBN 978-973-755-412-3.
5. SĂVESCU, D., BUDALĂ, A. Intellectual propriety in Romania and others UE countries. Editura LUX LIBRIS, Brașov, 2008, ISBN 978-973-131-051-0.
6. SĂVESCU, D., BUDALĂ, A. Stimulating and awareness of intellectual property. Editura LUX LIBRIS, Brașov, 2010, ISBN 978-973-131-082-4
7. SĂVESCU, D. Machine Elements. Asambly. Ed LUX LIBRIS, Brașov, 2011, ISBN 978 - 9438-543-9
8. SĂVESCU, D., BUDALĂ, A., GHÎȚESCU, M. Machine Elements. Mechanical Transmissions used in Industrial Constructions. Ed LUX LIBRIS, Brașov, 2013, ISBN 978 -973-131-258-3.
9. SĂVESCU, D. Machine Elements. Mechanical Transmissions. Ed. LUX LIBRIS, Brașov, 2014, ISBN 978 -973-131-285-9.
10. SĂVESCU, D. Intellectual Propriety. Ed. RISOPRINT, Cluj Napoca, 2015, ISBN 978 -973-53-1528-3.
11. TĂNĂȘESCU, I., SĂVESCU, D., BUDALĂ, A. Drive Mechanical Transmissions. Ed. LUX LIBRIS, Brașov, 1999, ISBN 973-9458-04-1
12. SĂVESCU, D., BUDALĂ, A., ALEXANDRU, C. Company Management. Ed. Universității Transilvania din Brașov, Brașov, 2004, ISBN 973-635-352-4
13. SĂVESCU, D., BUDALĂ, A. Methodes et outils pour la gestion de projets/ Methodes and instruments for Project Management. Editura Universității Transilvania din Brașov, Brașov 2007. ISBN 978-973-635-923-1.
14. SĂVESCU, D., RADU, M., BUDALĂ, A. Intellectual Property Elements. Practical Guide. Editura LUX LIBRIS, Brașov, 2011, ISBN 978-973-131-109-8
15. APETREI, GH., MARIN, GH., CISMARU, I., DAJ, F.I., CÎRCIUMARU, G., SĂVESCU, D., NOVAC, GH. Machine Elements and Mechanisms for Wood Faculty Students. Universitatea din Brașov, 1991
16. JULA, A., CHIȘU, E., MOLDOVEAN, GH., RĂDULESCU, C.D., TĂNĂȘESCU, I., RADU, A., SĂVESCU, D., MOGAN, GH. L., CIOBOTĂ, M., MARIN, GH., STROE, I., VÂNTU,

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17. JULA, A., RĂDULESCU, C.D., MOLDOVEAN, GH, VELICU, D., CHIŞU, E., OPREAN, D., MARIN GH., MOGAN, GH., SĂVESCU, D. Design Gear. Universitatea din Braşov, 1984
18. TĂNĂSESCU, I., LIHTESCHI, I., BÂRSAN, A., SĂVESCU, D., HUIDAN, L., BUDALĂ, A., SAVA, R., LIVEZEANU, M. Mechanisms and Machine Elements. Practical Guide for Year Project. Universitatea Transilvania din Braşov, 1997
19. JULA, A., CHIŞU, E., MOLDOVEAN, GH., VELICU, D., SĂVESCU, D., MOGAN, GH., VELICU, R., EFTIMIE, E., POZNA, C., OPREAN, D., LATEŞ, M. Screw drives . Design Wizard Braşov, Ed.LUX LIBRIS, 2000, ISBN 973-9428-10-7

BOOK CHAPTER

1. SĂVESCU, D. Opportunities of Technological Transfer Offered by Business Incubators. În New Trends in Mechanisms. Editura Academica – Greifswald, 2008, pag. 191 – 202, ISBN 978 - 3-9402-37-10-1.

JOURNAL ARTICLES

1. SĂVESCU, D. Some aspects regarding the concept „Research and Business”. Journal of Industrial Engineering and Management, JIEM, 2010, Vol. 3 nr.2, pag.337-352, ISSN 2013-0953
2. SĂVESCU, D. Some aspects regarding the connection between research and business (part.1). Revista „Durability and Reliability of Mechanical Systems”, Tg Jiu, pag. 576- 581, ISBN 978-973-144-350-8.
3. SĂVESCU, D. Some aspects regarding the connection between research and business (part.2). Revista „Durability and Reliability of Mechanical Systems”, Tg Jiu, pag. 582- 587, ISBN 978-973-144-350-8.
4. SĂVESCU, D., SIMA, M.G. Research for Business. Review of International Comparative Management, vol. 11, Issue 1, March 2010, Ed. Academiei de Studii Economice Bucureşti, pag.598-604.
5. SĂVESCU, D., POPESCU, R. Technological Transfer Realised by Business Incubators. Revista Metalurgia International, nr 9/2010, Editura Stiinţifică F.M.R., pag. 61-65, ISSN 1582-2214, WOS 000285214800011.
6. SĂVESCU, D., POPESCU, R. Concepts of Project’s Management. Revista Metalurgia International, nr 9/2010, Editura Stiinţifică F.M.R., pag. 66-69, ISSN 1582-2214, WOS 000285214800012

PAPERS IN INTERNATIONAL CONFERENCES

1. SĂVESCU, D. Some aspects about team making. Annals of the Oradea University, Fascicle of Management and Technological Engineering, Vol. VII(XVII), Oradea 2008, pag.460, 2711-2716, ISSN 1583- 0691
2. SĂVESCU, D. Some aspects about delegating process. Annals of the Oradea University, Fascicle of Management and Technological Engineering, Vol. VII(XVII), Oradea 2008, pag.461, 2717-2720, ISSN 1583- 0691
3. SĂVESCU, D. Aspects Regarding Project’s Management. Annals of the Oradea University, Fascicle of Management and Technological Engineering, Vol. VII(XVII), Oradea 2008, pag.460, 2711-2716, ISSN 1583- 0691
4. SĂVESCU, D. Some aspects Regarding Meetings, Conflicts and Negotiation. Annals of the Oradea University, Fascicle of Management and Technological Engineering, Vol. VII(XVII), Oradea 2008, pag.460, 2711-2716, ISSN 1583- 0691

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6. SĂVESCU, D. Some aspects about planning and risk evaluation. Annals of Oradea University, Fascicle of Management and Technology Engineering, Vol.IX (XIX), 2010, nr.2, pag.4237-4243, ISSN 1593-0629.
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9. SĂVESCU, D., SIMA, M.G., BÂRSAN, S.C. Should We Continue the Process of Researching for Business or Give it up Because of the Crises ? Annals of Ovidius University, Constanța, 2010, Seria: Științe economice, Vol. X, nr. 2/2010 , pag. 717-721, ISSN 1563-8354
10. SĂVESCU, D., SIMA, G.M., BÂRSAN, S.C. About staff motivation. IMT Oradea, Analele Universitatii din Oradea, vol.1, X(XX), pag. 5280-5285, ISBN 978-606-10-0508-6
11. SĂVESCU, D.,SIMA, G.M., BÂRSAN, S.C. Quality instruments utilised in project management. IMT Oradea, Analele Universitatii din Oradea, vol.2 , X(XX), pag. 5295-5302, ISBN 978-606-10-0508-6
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14. SĂVESCU, D. Developing Intellectual Property Culture in Universities and Research Institutes. Proceedings of the Annual Session of Scientific Papers, IMT Oradea, Vol. XII (XXII), pag.339-344, 30-1 June 2013, Oradea, ISSN 1583-0691.
15. SALCĂ, H., SĂVESCU, D. Romanian Roots of Joseph M. Juran, the Father of Quality Management. Proceedings of the 2014 International Conference on Management and Engineering, CME 2014, 24-25 May 2014 Shanghai, China, pag. 1605-1611, ISBN 978-1-60595-174-4
16. SĂVESCU, D., SALCĂ, H. Some Aspects Regarding the Technological Vigilance and Prognosis. Proceedings of the 2014 International Conference on Management and Engineering, CME 2014, 24-25 May 2014 Shanghai, China, pag. 651-656, ISBN 978-1-60595-174-4
17. SĂVESCU, D. Some aspects regarding on technological vigilance. Proceedings of the Annual Session of Scientific Papers IMT Oradea, 2014, vol. XIII(XXIII), 29-31 mai, Felix Spa Oradea, pag.261-268, ISBN 978-606-10-1276-3, ISSN 2285-3278
18. SĂVESCU, D. Incubatoarele tehnologice și de afaceri, motoare în dezvoltarea transferului tehnologic regional. Simpozionul național cu participare internațională „Durabilitatea și Fiabilitatea Sistemelor Mecanice”, editia I, Tg. Jiu,2008, pag. 395-402, ISBN 978- 973- 144-180-1
19. SĂVESCU, D. Studies concerning new ball-bearings having 35mm the inner diameter of the internal ring (part I). The 12th International Expert Conference, „ Trends in the Development of Machinery and Associated Tehnology” TMT 2008, Session IV, pag.901-904, Istambul, Turcia 2008, ISBN 978-9958-617-41-6
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21. **SĂVESCU, D.** Business Incubators, a Good Opportunity to the Technological Transfer. International Scientific Conference in „Management of Technology – Step to Sustainable Production” MOTSP 09, Sibenik, Croatia, 2009, pag. 410- 415, ISBN 978-953-6313-09-9.
 22. **SĂVESCU, D.** Steps Upon Introducing IP Knowledge in Universities. International Scientific Conference in „Management of Technology – Step to Sustainable Production” MOTSP 09, Sibenik, Croatia, 2009, pag. 416- 421, ISBN 978-953-6313-09-9.
 23. **SĂVESCU, D.** Some aspects regarding the connection between research and business (part.1). 3rd Symposium „Durability and Reliability of Mechanical Systems”, Tg Jiu, pag. 576- 581, ISBN 978-973-144-350-8.
 24. **SĂVESCU, D.** Some aspects regarding the connection between research and business (part.2). 3rd Symposium „Durability and Reliability of Mechanical Systems”, Tg Jiu, pag. 582- 587, ISBN 978-973-144-350-8.
 25. **SĂVESCU, D.** Some aspects regarding the concept „Research and Business”. International Scientific Conference in „Management of Technology – Step to Sustainable Production” MOTSP 010, Rovinj, Croatia, 2010, paper 250, ISBN 978-953-7738-09-9.
 26. **RADU, M., SĂVESCU, D.** Some aspects regarding materials used in non-metallic elements construction of elastic couplings. 3 rd Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '11), Braşov, 2011, pag.211-214, ISBN 978-960-474-294-3.
 27. **RADU, M., SĂVESCU, D.** Some aspects regarding materials used in non-metallic elements construction of elastic couplings (Part II). 3 rd WSEAS Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '11), Braşov, 2011, pag.215-218, ISBN 978-960-474-294-3.
 28. **SĂVESCU, D., SIMA, G.M., BÂRSAN, S.C.** Socially responsible industrial management approach. ModTech International Conference Modern Technologies, Quality and Innovation - New face of TMCR 25-27 May 2011, Vadul lui Vodă - Chisinau, Republic of Moldova, pag.973-976, ISSN 2069-6736.
 29. **SĂVESCU, D., SIMA, G.M., BÂRSAN, S. C.** Some aspects regarding IP stimulation and awareness in the field of technology transfer, key position in regional development (Part I). ICEIRD Conference, Ohrid, Macedonia, 2011, pag.1031-1038, ISBN 978-608-65144-2-6.
 30. **SĂVESCU, D., SIMA, G.M., BÂRSAN, S.C.** Some aspects regarding IP stimulation and awareness in the field of technology transfer, key position in regional development (Part II). ICEIRD Conference, Ohrid, Macedonia, 2011, pag.1039-1045, ISBN 978-608-65144-2-6.
 31. **SĂVESCU, D., BUDALĂ, A.** Some aspects regarding socially responsible corporation. International Scientific Conference in „Management of Technology – Step to Sustainable Production” MOTSP 011, Bor, Brac Island, Croatia, 2011, pag. 543-548, ISBN 978-953-7738-10-5.
 32. **SĂVESCU, D., MĂCUȚĂ, S.** Business incubators, a good opportunity to the technological transfer. International Scientific Conference UNITECH 12, Gabrovo, Bulgaria, 2012, Vol. III, pag. 384-388, ISSN 1313-230X.
 33. **SALCĂ, H., SĂVESCU, D.** A Short History of Aircraft Manufacturing at IAR Plant Braşov. IFToMM Workshop on History of MMS – Palermo, Italia, 2013, paper 22, CD edition (E-book), ISBN 978-889-543-084-3.
 34. **SĂVESCU, D.** Aspects Regarding the Competitive Strategy in Companies with Technologic Vigilance (part I). International Conference of the Carpathian Euro Region Specialists in Industrial Systems, CEuroSIS 2014, 11-13 sept. 2014, Baia Mare, pag.5-8, ISBN 978-606-737-003-4.
 35. **SĂVESCU, D.** Aspects Regarding the Competitive Strategy in Companies with Technologic Vigilance (part II). International Conference of the Carpathian Euro Region Specialists in Industrial Systems, CEuroSIS 2014, 11-13 sept. 2014, Baia Mare, pag.9-12, ISBN 978-606-737-003-4

OTHER PAPERS / RELEVANT ACHIEVEMENTS

Invited Papers presented at International Scientific Conferences

1. SĂVESCU, D. Incubatoarele Tehnologice și de Afaceri, motoare în dezvoltarea transferului tehnologic regional, Lucrare prezentată la Simpozionul “Durabilitatea și fiabilitatea sistemelor mecanice”, 20 iunie 2008, Tg. Jiu.
2. SĂVESCU, D. Some aspects regarding the technological and business incubators involved in sustainable energy in regional development. Lucrare prezentată la Forumul Internațional BIOENERGY in EU Countries – Current Status and Future Trends, 30 sept., 2010, Cluj - Napoca
3. SĂVESCU, D. Aspects Regarding the Competitive Strategy in Companies with Technologic Vigilance (part I and II). Lucrare prezentată la International Conference of the Carpathian Euro Region Specialists in Industrial Systems, CEurSIS 2014, 11-13 sept. 2014, Baia Mare

Scientific Committee Member/ reviewer for journals and scientific conferences - ISI

1. ECKM- European Conference on Knowledge Management, Kaunas, Lithuania 2013, Santarém, Portugal - 2014, Belfast Northern Ireland UK 2015
2. ICASS - International Conference on Applied Social Science, Taipei, Taiwan - 2013, Singapore - 2014, Shanghai, China - 2015

Member of the editorial staff or scientific committees / reviewer for journals and scientific conferences - indexed BDI

1. JIEM - Journal of Industrial Engineering and Management, 2013, 2014
2. TEHNONAV International Conference on mechanical and naval engineering, Universitatea Ovidius din Constanța, 2009

Member of the editorial staff or scientific committees / reviewer for journals and scientific conferences - nonindexed

1. MOTSP Management of Technology – Step to Sustainable Production, Rovinj- 2010, Bor/Brac -2011, Zadar – 2012, Novi Vinodolski – 2013, Bol/Brac -2014, Brela -2015, Croația
2. Scientific Committee CT 383, ASRO, România, 2012 - present
3. Scientific committee of National Symposium with International Participation „Durability and Flexibility of Mechanical Systems”, Tg. Jiu, 2008
4. SNOM ”Ioan Draghici”, Băile Felix, Oradea, 2009.
5. Scientific committee at a book „New Trends in Mechanisms, Ed. Academica - Greifswald, Germania, 2009

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