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Gradul didactic: conf. dr. ing.

Instituția unde este titular: Universitatea "Lucian Blaga" din Sibiu

Facultatea: de Inginerie

Departamentul: Inginerie Industrială și Management

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Cercetări privind realizarea unor arhitecturi de procese în vederea modelării proiectării, implementării și îmbunătățirii sistemelor calității, Teză de doctorat, Domeniul Inginerie Industrială, Universitatea Lucian Blaga din Sibiu

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. **Lobonț, L.**, Kifor, C.V., *Managementul proceselor*, Ed. Univ. Lucian Blaga din Sibiu, ISBN 978-606-12-0869-2, 2014;
2. **Lobonț, L.**, *Cunoașterea autovehiculelor - lucrări practice*-, Ed. Univ. Lucian Blaga din Sibiu, 137 pg., ISBN 978-606-12-0870-8, 2014
3. **Lobonț, L.**, Zerbes, M, V, *Metode, tehnici și instrumente pentru îmbunătățirea calității:lucrări practice*, Ed. Univ. Lucian Blaga din Sibiu, 170 pg., 978-606-12-0871-5, 2014
4. **Lobonț, L.**, *Tehnici și instrumente pentru îmbunătățirea calității – Lucrări practice* – Editura Universității Lucian Blaga din Sibiu , 130 pag. ISBN 978-973-739-947-2, 2010
5. **Lobonț L.**, *Cunoașterea autovehiculelor - elemente generale*, Ed. Univ. Lucian Blaga din Sibiu, 210 pg., ISBN 978-606-12-0635-3, 2013

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. **Lobonț Lucian**, Pânzariu Andrei Marius, *Effects of reversible lane implementation, a case study simulation*, MATEC Web Conf. Volume 290, 2019, 9th International Conference on Manufacturing Science and Education – MSE 2019 “Trends in New Industrial Revolution”, 2019
2. Manuel DUMITRAȘCU, Claudiu-Vasile KIFOR and **Lucian LOBONȚ**, *Innovative management evaluation method based on key performance indicators*, Acta Technica Napocensis - series: applied mathematics, mechanics and engineering, vol 61, no 3 (2018), 1221-5872, 2018
3. **Lobonț Lucian**, Rotaru Ionela M. *Mechanical engineering students and their future job expectation in automotive industry*, Review of Management and Economic Engineering Vol. 16, Nr. 4, ISSN: 1583-624X, p634-639, 2017
4. **Lucian LOBONȚ** , Radu Emanuil PETRUSE , Paul Mihai OBRODOVICIU (Continental Automotive Systems S.R.L., Sibiu, România), Ioan BONDREA *When industry and academia meet: the development of a robotized semiautomatic motorcycle transmission BRCEBE-ICEBE'17* ISSN (Online) 2391-8160, Pages 52–61, 2017

5. **Lobonț Lucian**, Tarnu Lucian Ioan *An empirical analysis of the relation between infrastructure and road accidents*, 8th International Conference on Manufacturing Science and Education – MSE 2017 “Trends in New Industrial Revolution” / MATEC Web Conf. eISSN: 2261-236X, 2017
6. Mihai Neghină¹, Radu Emanuil Petrus^{2*}, Sebastian Olteanu (Continental Automotive Systems, Sibiu, Romania), Ioan Bondrea², **Lucian Lobonț**² and Gabriel Stanciu, *Robotized semiautomatic motorcycle transmission development. Electronic and software design*, 8th International Conference on Manufacturing Science and Education – MSE 2017 “Trends in New Industrial Revolution” / MATEC Web Conf.eISSN: 2261-236X, 2017
7. Sergiu Ștefan Nicolaescu, Claudiu Vasile Kifor, Ilie Receu and **Lucian Lobonț** *Integrated model of knowledge management concepts and design for six sigma methodology - case study inside R&D center of automotive industry* ICPR-AEM & QIEM 2016 Conference, Cluj Napoca, 25-30 Iulie 2016
8. N ThanhDat¹, K V Claudiu, R Zobia and **Lucian Lobont** *Knowledge portal for Six Sigma DMAIC process* IV International Conference on Modern Technologies in Industrial Engineering (ModTech 2016), IOP Conf. Series: Materials Science and Engineering ISSN: 1757-8981 869-882 doi:10.1088/1757-899X/145/6/062011, 2016
9. Lal Mohan BARAL(Ahsanullah University of Science and Technology, Dhaka, Bangladesh), **Lucian LOBONȚ**, Bogdan CHILIBAN, Vlad DORIN *Preparing Smart Students Through Performing Problem Based Learning Activities Within University-Industry Collaborative Knowledge Sharing Platform* 3rd International Engineering and Technology Education Conference & 7th Balkan Region Conference on Engineering and Business Education, Sibiu, 1-4 noiembrie, ISSN: 1843-6730 ISBN: 978-0-646-94781-5, 2015
10. Nicolaescu, S., Kifor, C. V., **Lobonț, L.** *Design for six sigma applied on software development projects from automotive industry*, Academic Journal of Manufacturing Engineering, ISSN:1583-7904, Pages: 76-83, 2014; (Revistă indexată BDI)
11. Rus, A. M., Zerbes, M.V., Rus, C.G., **Lobonț, L.**, *Advanced feasibility analysis for product project validation in automotive industry*, Academic Journal of Manufacturing Engineering, ISSN:1583-7904 Pages: 96-101, 2014; (Revistă indexată BDI)
12. Pascu R.V., Ciora R. A., **Lobonț L.**, Simion C. M., *Developing a decision support system for project management in Universities*, Balkan Region Conference on Engineering and Business Education The 2012 edition: The 6th Balkan Region Conference on Engineering and Business Education & The 5th International Conference on Engineering and Business Education & The 4th International Conference on Innovation and Entrepreneurship, ISSN:1843-6730, Pages:469-472, 2014; (proceeding indexat ISI)
13. **Lobonț, L.**, Pascu R.V., *Premises for establishing an Integrated Management System in higher education institutions. Case study: Lucian Blaga University of Sibiu*, Balkan Region Conference on Engineering and Business Education The 2012 edition: The 6th Balkan Region Conference on Engineering and Business Education & The 5th International Conference on Engineering and Business Education & The 4th International Conference on Innovation and Entrepreneurship, ISSN:1843-6730, Pages:473-476, 2014; (proceeding indexat ISI)
14. **Lobonț L.**, Filichi A. C, Popescu L. G., *Improving traffic safety using modern methods for accident data collection*, Annals of the Oradea University. Fascicle of Management and Technological Engineering, Volume XII (XXII), ISSN 1583-0691, 175-180, 2013; (Revistă indexată BDI)
15. Popescu L. G. Zerbes, M.V., Scheider, I., Pascu R.V., **Lobonț, L.**, *Comparative study in terms of carbon monoxide pollution in a traffic area before and after traffic reconfiguration*, Annals of the Oradea University. Fascicle of management and technological engineering, Volume xii (xxii), ISSN 1583-0691, 2013; (Revistă indexată BDI)

16. **Lobonț L.**, Kifor C. V., Oprean C., Suci O., *Implementing a SPC integrated system to improve manufacturing processes in automotive industry*, Tehnomus New Technologies and Products in Machine Manufacturing Technologies XVI, P - ISSN-1224-029X, E - ISSN-2247-6016, Pages: 165-172, 2011; (Revistă indexată BDI)
17. Kifor, CV., Oprean, C., Alexe, C., **Lobonț, L.**, *Process based architecture for organization reengineering*, 1st International Conference on Quality and Innovation in Engineering and Management (QIEM, Cluj Napoca, Pages: 109-114, 2011; (proceeding indexat ISI)
18. Cincu, C., Fara, L., Racovitza, A., **Lobonț, L.**, *Bioethanol obtained from wooden biomass. An appropriate alternative fuel for spark ignition engines*, CELLULOSE CHEMISTRY AND TECHNOLOGY Volume: 45 Issue: 1-2 Pages: 121-125, Factor de impact 0.825, JAN-FEB 2011 (Revistă cotate ISI Thomson Reuters);
19. **Lobonț, L.**, Oprean, C., Kifor, CV., *Quality management process architecture for quality self assessment in higher education institutions*, 6th International Seminar on the Quality Management in Higher Education Location: Tulcea, Pages: 111-114, 2010; (proceeding indexat ISI)
20. Lascu, AE., Zerbes, MV., Negulescu, SC., Kifor, CV., **Lobonț, L.**, *Facing the interface in e-learning*, 6th International Seminar on the Quality Management in Higher Education, Tulcea, Pages: 499-502, 2010; (proceeding indexat ISI)
21. **Lobonț, L.**, Lungu, A., Rotaru, IM., Lascu, AE., Rus, AM., *Using process modeling and simulation to develop engineering students' practical skills*, 6th International Seminar on the Quality Management in Higher Education, Tulcea, Pages: 507-510, 2010; (proceeding indexat ISI)

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

1. **Lobonț L.**, Kifor, C.V., *Instrumente și metode pentru îmbunătățirea continuă a proceselor specifice sistemelor de management al calității din învățământul superior*, Conferința națională – Noi abordări ale calității în învățământul superior, Ediția 2, Sibiu, , ISBN 978-606-12-0405-2, pag. 48-53, 12 Decembrie 2012
2. **Lobonț L.**, Oprean, C., Kifor, C.V., *Premise privind implementarea unui sistem de management al calității în cadrul departamentelor pentru învățământ la distanță*, Conferința națională – Noi abordări ale calității în învățământul superior, Ediția 2, Sibiu, , ISBN 978-606-12-0405-2, pag. 53-56, 12 Decembrie 2012
3. Zerbes, M., V., Oprean, C., **Lobonț, L.**, Pascu, V., R., Popescu, L., G., *Conceptual Model for Advanced Process Planning and Validation*, International Conference on Manufacturing Science and Education , Sibiu, Romania, MSE 2011
4. Kifor, C.V., Oprean, C., Crîngașu, M., Velter, V., **Lobonț, L.** *Quality management model in academic research*, Proceeding of the 5th International conference on manufacturing science and education – MSE 2011, pag. 147 – 153, 2011
5. Zerbes, M. V., Kifor, C., Popescu, L.G, **Lobonț, L.**, *Improving quality of education. Case Study at Engineering Faculty of the Lucian Blaga University Sibiu*, Proceeding of 4th International Conference "Education Facing Contemporary World Issues", Pitești, Romania, 2010, October, 8th – 9th Pitești, 2010
6. Fara, L., Racovitza, Al., **Lobonț, L.**, *Bioetanoul obținut din biomasă lemnoasă, combustibil alternativ pentru motoarele cu aprindere prin scântee*, A IX-a Conferință Națională de Echipament Termomecanic Clasic și Nuclear și Energetică Urbană și Rurală, E.T.C.N.E.U.R., Editura Perfect, București România, ISSN 1843-3359, pp. 71-76, 2010