

LISTA DE LUCRARI

Dr.ing. DRAGOMIR GEORGE

A. LISTA LUCRARILOR CONSIDERATE MAI RELEVANTE

1. **Dragomir, G.**, Beles, H., Blaga, V., Stanasel, I., Negrea, V., D., Blaga, F., *Diesel engine pollution and functional-constructive performances compromise optimisation, using fuzzy sets*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag 0437, Trnava, 2008, ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
2. Beles, H., Preda, I., **Dragomir, G.**, Blaga, V., Ardelean, F., *Theoretical research regarding the active safety systems*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag. 0087, Trnava, 2008, ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
3. Stanasel, I., **Dragomir, G.**, Blaga, F., Pantea, I., Stanasel, O., *Integrated system for modeling and manufacturing the cams*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag. 1293, Trnava, 2008 ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
4. Baban, M., Baban, C.F., Bungau, C., **Dragomir, G.**, Rus, A., *Identifying Training Requirements Within An Automotive Maintenance And Repair Simulated Enterprise*, 6th International Conference of Education, Research and Innovation, Seville, Spain, ICERI 2013 Proceedings, pages: 4707-4711, ISBN: 978-84-616-3847-5 / ISSN: 2340-1095, Lucrare indexată ISI, ISI Web of Knowledge.
5. Baban, C.F., Baban, M., Bungau, C., **Dragomir, G.**, Rus, A., *Mapping Competencies And Training Activities Within A Simulated Enterprise In The Automotive Maintenance And Repair Field*, 6th International Conference of Education, Research and Innovation, Seville, Spain, ICERI 2013 Proceedings, pages: 4712-4719, ISBN: 978-84-616-3847-5 / ISSN: 2340-1095, Lucrare indexată ISI, ISI Web of Knowledge.
6. Baban. M., Baban. C.F., Bungau. C., **Dragomir. G.**, Pancu. R.M., *Estimation of the Technical State of Automotive Disc Brakes Using Fuzzy Logic*, International Journal of Computers, Communications & Control, Volume 9, Issue 5, 2014, p. 531-538 ISSN 1841-9836, ISSN-L 1841-9836 Tip document: Article Revista ISI (IF=0.694).
7. **Dragomir, G.**, Pancu, R., Bungau, C., Beles, H., Georgescu L., *Studies About Emissivity Variation Depending On The Temperature For Car Brake Disc*, Annals of the Oradea University Fascicle of Management and Technological Engineering ISSUE #1, MAY 2014, 253-256 pg, ISSN 1583-0691.
8. **Dragomir G.**, Vîlcan A., *Study on the mathematical modelling of the urban traffic impact from the residential developments*, Annals of the Oradea University. Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 3, 1.36-40 pg., Oradea, 2010, ISBN 978-606-10-0126-2.
9. **Dragomir G.**, Vîlcan A., *Study on the mathematical modelling of the car ownership in romanian cities*, Annals of the Oradea University Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 2, 1.59-65, pg., Oradea, 2010, ISBN 978-606-10-0126-6.
10. Vîlcan A., Ionescu E., **Dragomir G.**, Beles H., Nicolae V., *A Study of the Road Traffic Evolution as a Result of the Real Estate Development and Road Network Expansion Within an Area of Bucharest*, CAR2011-1169, The International Automotive Congress Automotive Engineering And Environment, Pitesti, Romania, 2-4 November, 2011, Pag. 163, ISSN 1453-1100.

B. TEZA DE DOCTORAT

”CERCETĂRI PRIVIND PERFECTIONAREA CONSTRUCTIV-FUNCȚIONALĂ A MOTOARELOR CU ARDERE INTERNĂ DE TRACȚIUNE RUTIERĂ ÎN CONCORDANȚĂ CU ADAPTAREA LA CONDIȚIILE DE CALE ȘI LA CONTROLUL POLUĂRII”, conducători științifici: prof.dr.ing. Ispas Viorel, prof.dr.ing. Negrea Virgiliu Dan, titlu validat în baza Ordinului Ministrului Educației, Cercetării și Tineretului nr. 1658 din 02 august 2007.

C. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI

1. Blaga, V., Beles, H., **Dragomir, G.**, Vlad, I., Vlad, M., Timar, A. *The Theoretical Contribution Modelling Gasoline Injection At Engines With Spark Lighting*, DAAAM International Scientific Book 2008, Chapter 05, pp. 043-058, Editura DAAAM International Vienna, 2008, ISBN 978-3-901509-66-7.
2. Ciolan Gh., Năstăsoiu M., **Dragomir G.**, *Trafic și siguranță rutieră*, Editura Universității din Oradea, 2011, 262 pag., ISBN 978-606-10-0647-2
3. **Dragomir George**, *Modelarea și simularea traficului rutier în VISSIM*, Editura Universității din Oradea, 2015, 209 pag., ISBN 978-606-10-1645-7, versiune CD- ISBN 978-606-10-1646-4

D. ARTICOLE PUBLICATE ÎN REVISTE DIN FLUXUL ȘTIINȚIFIC INTERNAȚIONAL

1. **Dragomir, G.**, Pancu, R., Mitran, T., Georgescu, L., Moca S., *Study Regarding the Car Brake Disc Temperature Variation During the Lengthy Braking*, Annals Of The Oradea University Fascicle of Management and Technological Engineering ISSUE #3, 2015, 57-60 pg, ISSN 1583-0691, CNCSIS B+, ULRICH'S,
2. Blaga, V., Mitran, T., Chioreanu, N., Rus, A., **Dragomir G.**, *The Calculus of the Fuel Consumption and the Injection duration for a Spark Ignition Engine*, Annals Of The Oradea University Fascicle of Management and Technological Engineering ISSUE #1, MAY 2015, 253-256 pg, ISSN 1583-0691, CNCSIS B+, ULRICH'S.
3. **Dragomir, G.**, Pancu, R., Bungau, C., Beles, H., Georgescu L., *Studies About Emissivity Variation Depending On The Temperature For Car Brake Disc*, Annals of the Oradea University Fascicle of Management and Technological Engineering ISSUE #1, MAY 2014, 253-256 pg, ISSN 1583-0691, ULRICH'S.
4. Baban. M., Baban. C.F., Bungau. C., **Dragomir. G.**, Pancu. R.M., *Estimation of the Technical State of Automotive Disc Brakes Using Fuzzy Logic*, International Journal of Computers, Communications & Control, Volume 9, Issue 5, 2014, p. 531-538 ISSN 1841-9836, ISSN-L 1841-9836 Tip document: Article Revista ISI (IF=0.694).
5. **Dragomir G.**, Vîlcan A., *Study on the mathematical modelling of the urban traffic impact from the residential developments*, Annals of the Oradea University. Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 3, 1.36-40 pg., Oradea, 2010, ISBN 978-606-10-0126-2, ULRICH'S.
6. **Dragomir G.**, Vîlcan A., *Study on the mathematical modelling of the car ownership in romanian cities*, Annals of the Oradea University Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 2, 1.59-65, pg., Oradea, 2010, ISBN 978-606-10-0126-6, ULRICH'S.
7. Georgescu, L., **Dragomir, G.**, *Influence of two bicycles on roof-rack in fuel consumption and maximum speed on an automobile fueled with LPG*, Annals of the Oradea University Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 2, 1.81-84 pg., Oradea, 2010, ISBN 978-606-10-0126-6, ULRICH'S.
8. Beles H., Mitran T., **Dragomir G.**, Ardelean F., *Experimental researches regarding the active safety systems for passenger car*, Annals of the Oradea University Fascicle of Management and Technological Engineering, CD-ROM Edition, Volume IX (XIX), 2010, Nr 3, 1.13-21 pg., Oradea, 2010, ISBN 978-606-10-0126-4, ULRICH'S.

9. Negrea, V. D., Tokar, A., **Dragomir, G.**, Negrea, I., Rafan, L.I., Filip, A. Valuation of noxious at a single cylindered gasoline motor, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume VII (XVII), CD-ROM Edition, pp 436-443, Oradea, 2008, ISSN 1583-0691, ULRICH'S.

E. PUBLICATII IN EXTENSO, APARUTE IN LUCRARI ALE PRINCIPALELOR CONFERINTE INTERNATIONALE DE SPECIALITATE

1. Baban, M., Baban, C.F., Bungau, C., **Dragomir, G.**, Rus, A., *Identifying Training Requirements Within An Automotive Maintenance And Repair Simulated Enterprise*, 6th International Conference of Education, Research and Innovation, Seville, Spain, ICERI 2013 Proceedings, pages: 4707-4711, ISBN: 978-84-616-3847-5 / ISSN: 2340-1095, Lucrare indexată ISI, ISI Web of Knowledge.
2. Baban, C.F., Baban, M., Bungau, C., **Dragomir, G.**, Rus, A., *Mapping Competencies And Training Activities Within A Simulated Enterprise In The Automotive Maintenance And Repair Field*, 6th International Conference of Education, Research and Innovation, Seville, Spain, ICERI 2013 Proceedings, pages: 4712-4719, ISBN: 978-84-616-3847-5 / ISSN: 2340-1095, Lucrare indexată ISI, ISI Web of Knowledge.
3. Vîlcă A., Ionescu E., **Dragomir G.**, Beles H., Nicolae V., *A Study of the Road Traffic Evolution as a Result of the Real Estate Development and Road Network Expansion Within an Area of Bucharest*, CAR2011-1169, The International Automotive Congress Automotive Engineering And Environment, Pitesti, Romania, 2-4 November, 2011, Pag. 163, ISSN 1453-1100, FISITA.
4. Georgescu L., **Dragomir G.**, Beles H., *Influence of a Hatchback-Rack With Two Bicycles on Fuel Consumption and Maximum Speed on an Automobile Fueled With Lpg*, CAR2011-1223, The International Automotive Congress Automotive Engineering And Environment, Pitesti, Romania, 2-4 November, 2011, Pag. 106, ISSN 1453-1100, FISITA.
5. **Dragomir, G.**, Beles, H., Blaga, V., Stanasel, I., Negrea, V., D., Blaga, F., *Diesel engine pollution and functional-constructive performances compromise optimisation, using fuzzy sets*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag 0437, Trnava, 2008, ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
6. Beles, H., Preda, I., **Dragomir, G.**, Blaga, V., Ardelean, F., *Theoretical research regarding the active safety systems*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag. 0087, Trnava, 2008, ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
7. Stanasel, I., **Dragomir, G.**, Blaga, F., Pantea, I., Stanasel, O., *Integrated system for modeling and manufacturing the cams*, Annals Of DAAAM For 2008 & Proceedings Of The 19th International Daaam Symposium, "Intelligent Manufacturing & Automation: Focus On Next Generation Of Intelligent Systems And Solutions", Pag. 1293, Trnava, 2008 ISBN 978-3-901509-68-1, ISSN 1726-9679, Lucrare indexată ISI, ISI Web of Knowledge [v.4.4] - All Databases Home.
8. Negrea, V.D., Blaga, F., **Dragomir, G.**, *Research Concerning the Performance Evaluation of a Normal Admission Diesel Engine, by Means of Fuzzy Functions*, MVM - International Congress Motor Vehicles & Motors 2006, Kragujevac, October 4th-6th, 2006, FISITA.

F. ALTE LUCRARI SI CONTRIBUTII STIINTIFICE- Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale neindexate

1. Bogdan, S., **Dragomir, G.**, Moca, S., *Road Traffic Control Via Inductive Loops Applied in a Urban Intersection*, European Automotive Congress EAEC-ESFA 2015, November 25-27, 2015, Bucharest, Romania, pp 103-110, ISSN-2067-1083.

2. **Dragomir, G.**,Pancu, R.,Husi, G.,Georgescu L.,Beles, H., *Studies About Reflected Temperature Variation for the Car Brake Disc*, SMAT 2014 - SIAR Congress 3RD International Congress Science and Management of Automotive and Transportation Engineering 23rd - 25th of October, 2014 Craiova, Romania, 399-402 pg., ISBN 978-606-14-0865-8.
3. Blaga, V.,Mitran, T., **Dragomir, G.**, Chioreanu N., *The Calculation of the Injection Process for an SI Engine With Electromagnetic Injectors*, SMAT 2014 - SIAR Congress 3RD International Congress Science and Management of Automotive and Transportation Engineering 23rd - 25th of October, 2014 Craiova, Romania,59-62 pg., ISBN 978-606-14-0865-8.
4. Georgescu, L., **Dragomir G.**, *Determination of Fuel Consumption of a Suv With 1400 Ccm Petrol Engine*, SMAT 2014 - SIAR Congress 3RD International Congress Science and Management of Automotive and Transportation Engineering 23rd - 25th of October, 2014 Craiova, Romania,167-170 pg., ISBN 978-606-14-0865-8.
5. Popa, V.,Beles, H., Tolea, B.,**Dragomir, G.**, Ilie, V., *Studies Regarding Occupant Kinematics in the Vehicle at the Frontal and Rear Impact*, SMAT 2014 - SIAR Congress 3RD International Congress Science and Management of Automotive and Transportation Engineering 23rd - 25th of October, 2014 Craiova, Romania, ISBN 978-606-14-0865-8.
6. Fântână, N.,Mitran, T.,Rus, A., **Dragomir G.**, *The Reduction Of The Noises Produced By Car Engines Using Sound Absorption Materials*, International Conference Motor Vehicle & Transportation - MVT 2012, 7-9 November 2012 Timisoara, Proceedings , 11-Pag, ISBN 979-973-638-524-7.
7. **Dragomir, G.**, Beles, H.,Mitran, T., Georgescu, L., Fantana N., *Constructive and functioning optimization of a spark ignition engine using fuzzy systems*, ESFA 2009-8-Th International Conference Fuel Economy, Safety And Reliability Of Motor Vehicles, Pag. 273, Bucuresti, 2009.
8. Beleş, H., **Dragomir, G.**, Mitran, T., Ardelean, F., Popa V., *Theoretical research regarding the braking performances of the passenger cars on roads with different adherence coefficients, in concordance with the improvement of active safety and the reduction of accidents with severe consequences*, ESFA 2009-8-Th International Conference Fuel Economy, Safety And Reliability Of Motor Vehicles, Pag. 343, Bucuresti, 2009.
9. Negrea, V. D. ,Padure, G.,Negrea, I., **Dragomir, G.**, Blaga, F., *Optimisation of a two stroke naval diesel engine uniflow scavenged using fuzzy functions*, Ovidius University Annals of Mechanical, Industrial and Maritime Engineering, Volume X, Tom I, 2008, ISSN-1223-7221, Constanta, 2008.
10. **Dragomir G.**, Ispas V.,Negrea V.D., Georgescu L., *Study Regarding The Industrial Manufacturing of the Cams Used in the Distribution System of the Internal Combustion Engines*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, CD-ROM Edition, ISSN 1583-0691, Oradea 2007, COD CNCSIS:564, pp. 250-254.
11. **Dragomir G.**, Negrea V.D., Ispas V., Georgescu, L., *Mathematical Model For Rendering The Profiles of The Shock-Free Cams Used for the Camshafts of the Road Vehicles Engines*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, CD-ROM Edition, ISSN 1583-0691, Oradea 2007, COD CNCSIS:564, pp. 255-261.
12. Negrea, V. D., **Dragomir, G.**, Blaga F., Georgescu, L.,*Studii și cercetări privind evaluarea termogazodinamică a unui motor diesel cu admisiune normală în corelație cu interpretarea datelor prin funcții fuzzy -I-* Annals of the Oradea University Fascicle of Management and Tehnological Engineering, Volume V(XV),2006, CD-ROM edition, COD CNCSIS:564.
13. **Dragomir, G.**, Negrea, V. D., Georgescu, L., Blaga F., *Studiu de caz privind evaluarea termogazodinamică a unui motor diesel cu admisiune normală în corelație cu interpretarea datelor prin funcții fuzzy -II-*, Annals of the Oradea University Fascicle of Management and Tehnological Engineering, Volume V(XV),2006, CD-ROM edition, COD CNCSIS:564.
14. Georgescu, L., **Dragomir, G.**, Cocosila, M., *Numerical calculus for fuel consumption and sources of errors*, Annals of the Oradea University Fascicle of Management and Tehnological

- Engineering, Volume IV(XIV), 2005 , CD-ROM edition.
15. Georgescu, L., **Dragomir, G.**, Cocosila, M., Radu, S., *Numerical method for automobile speed determination*, Annals of the Oradea University Fascicle of Management and Tehnological Engineering, Volume IV(XIV),2005, CD-ROM edition.
 16. Mitran, T., Pater, S., **Dragomir, G.**, Beles, H., *The Calculation of Heat Release in Diesel Direct Injection Engine*, MicroCAD 2005-International Scientific Conference, Miskolc 10-11 March, 2005, ISBN 963-661-651-5, Hungary, pp. 67-72.
 17. Mitran, T., Pater, S., **Dragomir, G.**, Beles, H., *Mathematical Model for Calculate the Parameters of Fuel Injection Engine*, MicroCAD 2005 International Scientific Conference, Miskolc 10-11 March, 2005, ISBN 963-661-651-5, Hungary, pp. 63-66.
 18. Georgescu, L., Cocosila, M., Mateescu, V., **Dragomir, G.**, *Influence of Petrol or LPG Fuelling, Thermal Status of the Engine and use of Air Conditioning System on Fuel Consumption and Poluttant Emissions of an Automobile Provided with Fuel Injection*, Conferința Internațională de Vehicule Rutiere CAR 2005 “Automobilul și mediul”, Pitești, 4-6 noiembrie.
 19. Georgescu, L., Cocosila, M., **Dragomir G.**, *Equations describing automobile fuel consumption per time interval*, Annals of the Oradea University Fascicle of Management and Tehnological Engineering, Volume III (XIII), pp 27, 27-28 May 2004, Oradea, ISSN 1583-0691, CD-ROM edition.
 20. Băban, C., Băban, M., Rus, A., **Dragomir, G.**, *Reliability Research of the Clutchs Cars Using Fuyyz Techniques*, Proceedings of 7th International Conference FUEL ECONOMY, SAFETY and RELIABILITY of MOTOR VEHICLES ESFA 2003, București, pp. 45-49, 2003.
 21. Băban, C., Băban, M., Rus, A., **Dragomir, G.**, *Reliability Assurance of the Crankshaft*, Proceedings of 7th International Conference FUEL ECONOMY, SAFETY and RELIABILITY of MOTOR VEHICLES ESFA 2003,București, pp. 49-53, 2003.
 22. Georgescu, L., Cocosila, M., **Dragomir G.**, *Variation of fuel consumption and exhaust emissions in the case of crossing a big county capital in Romania*, Annals of the Oradea University Fascicle of Management and Tehnological Engineering, Volume II(XII), 2003 , CD-ROM edition.
 23. Băban, M., Băban, C.F., Radu, I.E., **Dragomir,G.**, *Studiul fiabilității sistemelor tehnice prin metoda Monte Carlo*, Annals of the University of Oradea, Fascicle of Management and Technological Engineering, ISSN-1583-0691, pg.115-119, 2003.

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