

Listă lucrări

Lucrări publicate în reviste:

1. **NUȚU Nikolaos Cristian**, PANĂ Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru, BONDOC Iulius Daniel, *EXPERIMENTAL RESEARCHES OF USING LPG AS A FUEL FOR A CAR DIESEL ENGINE*, U.P.B. Sci. Bull., Series D, Vol. 77, Iss. 2, 2015 ISSN 1454-2358, indexată în următoarele baze de date internaționale: Ulrichs International, SCOPUS, INSPEC, METADEX, Elsevier, Engineering Village, Cambridge Scientific Abstracts, Compendex.
2. Alexandru DOBRE, Constantin PANĂ, **Nikolaos Cristian NUȚU**, Niculae NEGURESCU, Alexandru CERNAT, Iulius Daniel BONDOC, *ASPECTS OF THE BUTANOL USE IN THE COMPRESION IGNITION ENGINE OF THE AUTOMOTIVE*, U.P.B. Sci. Bull., Series D, Vol. 77, Iss. 1, 2015 ISSN 1454-2358, Ulrichs International, SCOPUS, INSPEC, METADEX, Elsevier, Engineering Village, Cambridge Scientific Abstracts, Compendex.
3. Zuhair OBEID, Constantin PANA, Alexandru CERNAT, Niculae NEGURESCU, Cristian NUTU, *COMPARISON OF CYCLE VARIABILITY BETWEEN GASOLINE AND E20 FUELLING OF A SUPERCHARGED SPARK IGNITION ENGINE*, U.P.B. Sci. Bull., Series D, Vol. 78, Iss. 1, 2016 ISSN 1454-2358, indexată în următoarele baze de date internaționale: Ulrichs International, SCOPUS, INSPEC, METADEX, Elsevier, Engineering Village, Cambridge Scientific Abstracts, Compendex.
4. **NUTU Nikolaos Cristian**, PANA Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru, *Experimental and Theoretical Aspects of Fuelling a Diesel Engine With Liquefied Petroleum Gases*, Applied Mechanics and Materials Vol. 659 (2014) pp 211-216 (2014) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.659.211., ISSN 1662-7482, indexată în următoarele baze de date internaționale: Index Copernicus, Google Scholar, Cambridge Scientific Abstracts, Inspec, EBSCO, Thomson Reuters.
5. DOBRE Alexandru, PANA Constantin, **NUTU Nikolaos Cristian**, NEGURESCU Niculae, CERNAT Alexandru, *Theoretical and Experimental Researches Regarding the Use of Butanol at Diesel Engine*, Applied Mechanics and Materials Vol. 659 (2014) pp 183-188 (2014) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.659.183, ISSN 1662-7482, Index Copernicus, Google Scholar, Cambridge Scientific Abstracts, Inspec, EBSCO, Thomson Reuters.
6. Alexandru CERNAT, Constantin PANĂ, Niculae Negurescu, **Cristian NUȚU**, *On Vaporization of a Single Droplet of Diesel Fuel at LPG Fuelled Engine by Diesel-Gas Method*, Energy Procedia vol. 74 (2015) 1306 – 1313, Published by Elsevier Ltd., revista indexata in baza de date Web of Science, Thomson Reuters, ISI, factor de impact SNIP: 0.786., **WOS:000360574400142**, ISSN: 1876-6102.
7. Alexandru CERNAT, Constantin PANĂ, Niculae Negurescu, **Cristian NUȚU**, *On Combustion of Diesel Fuel Drops at LPG Fuelling by Diesel Gas Method*, *Procedia Technology* 22 (2016) 705 – 712, **DOI: 10.1016/j.protcy.2016.01.146**, **WOS:000383949300098**, ISSN: 2212-0173.

8. **NUTU Nikolaos Cristian**, PANA Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru, *REARCHES REGARDING THE USE OF LPG AT A DIESEL ENGINE*, Inmateh Agricultural Engineering, Vol. 42, No. 1 / 2014, p – ISSN 2068 – 4215 e – ISSN 2068 – 2239, București, România., indexată în următoarele baze de date internaționale: Ulrichs, CABI, Platforma Editorială Română SCIPPIO, Elsevier/SciVerse SCOPUS, Index Copernicus International.
9. Alexandru DOBRE, Constantin PANĂ, **Nikolaos Cristian NUȚU**, Niculae NEGURESCU, Alexandru CERNAT, Iulius Daniel BONDOC, *BIO-BUTANOL – ALTERNATIVE FUEL FOR DIESEL ENGINE*, Inmateh Agricultural Engineering, Vol. 42, No. 1 / 2014, p – ISSN 2068 – 4215 e – ISSN 2068 – 2239, București, România, indexată în următoarele baze de date internaționale: Ulrichs, CABI, Platforma Editorială Română SCIPPIO, Elsevier/SciVerse SCOPUS, Index Copernicus International.
10. Ionel MIRICA, Alexandru CERNAT, Constantin PANA, Niculae NEGURESCU, Cristian NUTU, *PERFORMANCE COMPARISON BETWEEN HYDROGEN AND DIESEL FUEL FUELLED COMPRESSION IGNITION ENGINE*, U.P.B. Sci. Bull., Series D, Vol. 77, Iss. 4, 2015 ISSN 1454-2358.
11. A Cernat¹, C Pana¹, N Negurescu¹, C Nutu², I Mirica¹ and D Fuiiorescu¹, Effect of Hydrogen Use on Diesel Engine Performance, IOP Conference Series: Materials Science and Engineering, Volume 161, Number 1, doi:10.1088/1757-899X/161/1/012075.
12. Liviu Nemoianu, Alexandru Cernat , Constantin Pana, Niculae Negurescu, Cristian Nutu, Study of the Diesel Engine Cycle Variability at LPG Fuelling, CONAT 2016 International Congress of Automotive and Transport Engineering, **Pages: 371-378 DOI: 10.1007/978-3-319-45447-4_41 Published: 2017 , WOS:000390821400041, ISBN: 978-3-319-45447-4 .**
13. Ionel Mirica, Alexandru Cernat , Constantin Pana, Niculae Negurescu, Cristian Nutu, Aspects of Experimental Research on Hydrogen Fuelled Automotive Diesel Engine, CONAT 2016 International Congress of Automotive and Transport Engineering , **Pages: 427-434 DOI: 10.1007/978-3-319-45447-4_47 Published: 2017, WOS:000390821400047, ISBN: 978-3-319-45447-4 .**
14. Cernat, A ; Pana, C ; Negurescu, N ; Nutu, C, The Influence of LPG Fuelling on Diesel Engine Cycle Variability, 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 Book Series: Procedia Technology Volume: 22 Pages: 746-753, **DOI: 10.1016/j.protcy.2016.01.034, Published: 2016, WOS:000383949300104, ISSN: 2212-0173 .**
15. Obeid, Zuhair H.; Cernat, Alexandru; Pana, Constantin; Negurescu, Niculae, Nutu, Cristian, Influence of E20 Fuelling on Combustion Cycle Variability at Turbocharged Spark Ignition Engine, 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 Book Series: Procedia Technology Volume: 22 Pages: 762-766, **DOI: 10.1016/j.protcy.2016.01.036, Published: 2016, WOS:000383949300106, ISSN: 2212-0173.**
16. Cernat Alexandru, Pana Constantin, Negurescu Niculae, Lazaroiu Gheorghe, Nutu Cristian, Aspects of the Animal Fat Use at the Diesel Engine Fuelling, 2015 50TH INTERNATIONAL UNIVERSITIES POWER ENGINEERING CONFERENCE (UPEC) Published: 2015, ISBN: **978-1-4673-9682-0, WOS:000377369500158.**

Lucrări publicate în proceedings de conferințe:

1. **Nikolaos Cristian NUTU**, Constantin PANA, Alexandru DOBRE, Niculae NEGURESCU, Alexandru CERNAT, *THEORETICAL AND EXPERIMENTAL STUDY OF THE FUELLING A TRUCK DIESEL ENGINE WITH LIQUEFIED PETROLEUM GAS*, **SMAT 2014 3rd Internațional Congres, Science And Management Of Automotive And Transportation Engineering**, 23-25 octombrie 2014, Craiova, România, vol. 1, pag. 53-58, ISBN 978-606-14-0865-8.
2. Alexandru Dobre, Constantin Pană, **Nikolaos Cristian Nuțu**, Niculae Negurescu, Alexandru Cernat, *THE INFLUENCE OF BUTANOL USE ON THE DIESEL ENGINE'S PERFORMANCE*, **SMAT 2014 3rd Internațional Congres, Science And Management Of Automotive And Transportation Engineering**, 23-25 octombrie 2014, Craiova, România, vol. 1, pag. 47-52, ISBN 978-606-14-0865-8.
3. **Nikolaos Cristian Nuțu**, Constantin Pană, Niculae Negurescu, Alexandru Cernat, Ionel Mirică, Obeid Zuhair, *Experimental study of liquefied petroleum gas use to fuel a truck diesel engine*, **TE RE RD 2015, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development**, 4-6 iunie 2015, Posada Vidraru, Argeș, România, pag. 97-102, ISSN 2359-7941.
4. Obeid Zuhair, Alexandru Cernat, Constantin Pană, Niculae Negurescu, **Nikolaos Cristian Nuțu**, *On cycle variability of supercharged spark ignition engine fuelled with bioethanol-gasoline blends*, **TE RE RD 2015, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development**, 4-6 iunie 2015, Posada Vidraru, Argeș, România, pag. 175-180, ISSN 2359-7941.
5. Ionel Mirică, Alexandru Cernat, Constantin Pană, Niculae Negurescu, **Nikolaos Cristian Nuțu**, *Aspects of the hydrogen use at a truck compression ignition engine*, **TE RE RD 2015, 4th International Conference on Thermal Equipment, Renewable Energy and Rural Development**, 4-6 iunie 2015, Posada Vidraru, Argeș, România, pag. 67-72, ISSN 2359-7941.

Lucrări prezentate la conferințe:

1. **NUTU Nikolaos Cristian**, PANA Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru, *RESEARCHES REGARDING THE USE OF LPG AT A DIESEL ENGINE*, **a III-a Conferință Internațională AMMA 2013, Automotive, Motor, Mobility, Ambient**, 17-19 octombrie 2013, Cluj Napoca, România, sub egida FISITA.
2. Alexandru DOBRE, Constantin PANĂ, **Nikolaos Cristian NUȚU**, Niculae NEGURESCU, Alexandru CERNAT, Iulius Daniel BONDOC, *BIO-BUTANOL – ALTERNATIVE FUEL FOR DIESEL ENGINE*, **a III-a Conferință Internațională**

- AMMA 2013, Automotive, Motor, Mobility, Ambient**, 17-19 octombrie 2013, Cluj Napoca, România, sub egida FISITA.
3. **NUTU Nikolaos Cristian, PANĂ Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru, BONDOC Iulius Daniel**, *EXPERIMENTAL RESEARCHES OF USING LPG AS A FUEL FOR A CAR DIESEL ENGINE*, a **VI-a Conferință Internațională CIEM 2013, International Conference on Energy and Environment**, 7-8 noiembrie 2013, București, România.
 4. Alexandru DOBRE, Constantin PANĂ, **Nikolaos Cristian NUTU**, Niculae NEGURESCU, Alexandru CERNAT, Iulius Daniel BONDOC, *ASPECTS OF THE BUTANOL USE IN THE COMPRESION IGNITION ENGINE OF THE AUTOMOTIVE*, a **VI-a Conferință Internațională CIEM 2013, International Conference on Energy and Environment**, 7-8 noiembrie 2013, București, România.
 5. **NUTU Nikolaos Cristian, PANA Constantin, DOBRE Alexandru, NEGURESCU Niculae, CERNAT Alexandru**, *Experimental and Theoretical Aspects of Fuelling a Diesel Engine With Liquefied Petroleum Gases*, a **VI-a Conferință Internațională ACME 2014, International Conference Advanced Concepts in Mechanical Engineering**, Iași, România.
 6. DOBRE Alexandru, PANA Constantin, **NUTU Nikolaos Cristian, NEGURESCU Niculae, CERNAT Alexandru**, *Theoretical and Experimental Researches Regarding the Use of Butanol at Diesel Engine*, a **VI-a Conferință Internațională ACME 2014, International Conference Advanced Concepts in Mechanical Engineering**, Iași, România.