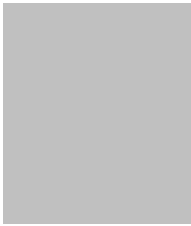


INFORMAȚII PERSONALE



Nuțu Nikolaos Cristian



Sexul M | Data nașterii 01/03/1987 | Naționalitatea Română

STUDIILE PENTRU CARE SE
CANDIDEAZĂ

EXPERIENȚA PROFESIONALĂ

01.10.2012-prezent

Asistent universitar

Universitatea Politehnica București, Facultatea Transporturi, Departament
Autovehicule Rutiere

EDUCAȚIE ȘI FORMARE

01.10.2012-2015

Studii de doctorat

Scrieți nivelul EQF
dacă îl cunoașteți

Universitatea Politehnica București, Școala Doctorală de Inginerie Mecanică

01.10.2010-01.10.2012

Masterat

Universitatea Politehnica București, Facultatea de Inginerie Mecanică și Mecatronică, program de
master *Managementul Sistemelor și Echipamentelor Termice*

01.10.2006-01.10.2010

Licență

Universitatea Politehnica București, Facultatea de Inginerie Mecanică și Mecatronică, specializarea
Sisteme și Echipamente Termice

15.09.2002-07.2006

Liceu

Liceul Teoretic Zimnicea, loc Zimnicea, Teleorman

Limba(i) maternă(e)

Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	B1	B1	B1	B1	B1

Competențe informatice ▪ Cunoștințe de MS Office, SolidWorks, Matlab, Simulink, Ansys Workbench, Catia V5.

Permis de conducere ▪ B

INFORMATII SUPLIMENTARE

Lucrări publicate în reviste ▪
Lucrări prezentate la conferințe

Lucrări publicate în reviste:

1. **NUTU Nikolaos Cristian**, PANĂ Constantin, DOBRE Alexandru, NEGURESCU Nicolae, 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 NUTU**, Nicolae 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, Nicolae 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 Nicolae, 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 Nicolae, 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, Nicolae Negurescu, **Cristian NUTU**, *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, Nicolae Negurescu, **Cristian NUTU**, *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 Nicolae, CERNAT Alexandru, *RESEARCHES 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 SCPIO, 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 SCPIO, 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 Fuiurescu¹, 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 .
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 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, *REARCHES 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. **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*, **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 NUȚU**, 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.