

CURRICULUM VITAE

1. **Name:** Tutunea
2. **Surname:** Dragos
3. **Date and place of birth:** 22-02-1982, Craiova - Dolj
4. **Nationality:** Romanian
5. **Marital status:** Single
6. **Education:**

Institution	General School Nr.30 Craiova	National College Elena Cuza Craiova	Faculty of Mechanics of Craiova Section: Road Vehicles	Master Section: Modeling and simulation in Mechanical Engineering	Doctoral School Academician Radu Voinea
Period:	Sept.1988- June1996	Sept. 1996- June 2000	Oct. 2000- June 2005	Oct 2006- June 2008	Oct 2005- Present
Obtained Diplomas	Diploma of absolver	Diploma of baccalaureate	Diploma of engineer	Diploma of master	

7. **Scientific Title:** Prep.drd.ing

8. **Work experience:**

Period:	Oct.2005- Oct.2008	Oct.2008- Present
Place:	Craiova	Craiova
Institution:	Faculty of Mechanics	Faculty of Mechanics
Function:	Doctored with frequency	Preparatory
Description:	Projecting and researches	Laboratory of Technical Design and Geometries Descriptive

9. **Actual place of work and function:** Faculty of Mechanics, University of Craiova-preparatory

10. **Actual place of work:** 4 years

11. **Brevets of inventions:**

12. **Works developed and / or published:**

- **Tutunea Dragos**, Gherghina George, Gluga Cristian, *New type of lines used in tehcnical design*, in 3rd International Conference on Engineering Graphics and Design Cluj-Napoca ICEGD 12 – 13 june, 2009 in course of apparition.

- Gherghina George, Bogdan Mihaela Liana, **Tutunea Dragos**, *Issues regarding the intention of design in aided graphic*, in 3rd International Conference on Engineering Graphics and Design Cluj-Napoca ICEGD 12 – 13 june, 2009 in course of apparition.

- **Tutunea Dragos**, Bica Marin, Cernăianu Corina, *Researches regarding biodiesel use in diesel engines*, In: National Conference of Thermotechnics with international participation Edition XVII- 21 may – 22 may, 2009, Braşov, Romania. Romanian Society of Thermotechniciens. Transilvania University of Braşov, Faculty of Mechanical Engineering, in course of apparition.

- **Tutunea Dragos**, Bica Marin, Cernăianu Corina, *Researches regarding the influence of biodiesel composition at engine with ignition through compression*, In: National Conference of Thermotechnics with international participation Edition XVII- 21 may – 22 may, 2009, Braşov, Romania. Romanian Society of Thermotechniciens. Transilvania University of Braşov, Faculty of Mechanical Engineering, in course of apparition

- Bica Marin, Cernăianu Corina, **Tutunea Dragoș**, *The thermogravimetric analysis of different blends of biodiesel of rapeseed and petrodiesel*, In: National Conference of Thermotechnics with international participation Edition XVII- 21 may – 22 may, 2009, Brașov, Romania. Romanian Society of Thermotechniciens. Transilvania University of Brașov, Faculty of Mechanical Engineering, in course of apparition.
- Cernăianu Corina Dana, **Tutunea Dragoș**, Stăncuț Adriana Eugenia *Research on the heat balance sheet drying fluidized bed with solar energy*, In: National Conference of Thermotechnics with international participation Edition XVII- 21 may – 22 may, 2009, Brașov, Romania. Romanian Society of Thermotechniciens. Transilvania University of Brașov, Faculty of Mechanical Engineering, in course of apparition.
- Cernăianu Corina Dana, Stăncuț Adriana Eugenia, **Tutunea Dragoș**, *Humidity relationship determinated in the dryind cereal seed fluidized bed*, In: National Conference of Thermotechnics with international participation Edition XVII- 21 may – 22 may, 2009, Brașov, Romania. Romanian Society of Thermotechniciens. Transilvania University of Brașov, Faculty of Mechanical Engineering, in course of apparition.
- **Tutunea Dragoș** *Biodiesel technology*, ANNALS of the ORADEA UNIVERSITY FASCICLE OF MANAGEMENT and TECHNOLOGICAL ENGINEERING VOLUME VII (XVII), 2008 ISSN 1583-0691, CNCSIS " Class B+" Pag 112, Rez. English.
- **Tutunea Dragoș** *Biodiesel market and expected trends in Romania*, ANNALS of the ORADEA UNIVERSITY FASCICLE OF MANAGEMENT and TECHNOLOGICAL ENGINEERING VOLUME VII (XVII), 2008 ISSN 1583-0691, CNCSIS " Class B+" Pag 113, Rez. English
- **Tutunea Dragoș** *Biodiesel Chemistry* În 3RD INTERNATIONAL CONFERENCE ADVANCED CONCEPTS IN MECHANICAL ENGINEERING ACME 2008, IASI ROMANIA JUNE 5-6, 2008. Published in: Bulletin of Polytechnic Institute of Iași, Technical University “Gh. Asachi”, Iași, Section Construction of Machines, Tome LIV (LVI), Fasc.2, 2008 journal of class B, Cod CNCSIS 500, ISSN: 1001-2855, pag.405-410.
- **Tutunea Dragoș** *Biodiesel from animal and fats* În 3RD INTERNATIONAL CONFERENCE ADVANCED CONCEPTS IN MECHANICAL ENGINEERING ACME 2008, IASI ROMANIA JUNE 5-6, 2008. Published in: Bulletin of Polytechnic Institute of Iași, Technical University “Gh. Asachi”, Iași, Section Construction of Machines, Tome LIV (LVI), Fasc.2, 2008 journal of class B, Cod CNCSIS 500, ISSN: 1001-2855, pag.411-414.
- **Tutunea Dragoș**, Bica Marin *Analysis of noise level into a monocylindrical diesel engine when is fuelled with different blends of biodiesel and petrodiesel* UNIVERSITY OF CRAIOVA, FACULTY OF MECHANICS SMAT 2008 SECOND INTERNATIONAL CONGRESS AUTOMOTIVE, SAFETY AND ENVIRONMENT, 23 - 25 October, 2008 – Craiova, Romania, TOME II, Publishing House UNIVERSITARIA, ISBN 978-606-510-253-8, 978-606-510-246-0, pag. 105-108.
- **Tutunea Dragoș**, Bica Marin *Exhaust emissions of different blends of biodiesel and petrodiesel in a monocylindrical diesel engine* UNIVERSITY OF CRAIOVA, FACULTY OF MECHANICS SMAT 2008 SECOND INTERNATIONAL CONGRESS AUTOMOTIVE, SAFETY AND ENVIRONMENT 23 - 25 October, 2008 – Craiova, Romania TOME II, Publishing House UNIVERSITARIA, ISBN 978-606-510-253-8, 978-606-510-246-0, pag.101-104.
- **Tutunea Dragoș**, *The biomass bases and their impact on the environment*, Internațional Symposium "Man and environment", Edition a V-a, 24-25 may 2007 Timișoara. Academy of Technical Science of Romania – Filial Timișoara. Days Academic Timișene, Edition X. Publishing House Eurostampa, Cod CNCSIS 184, ISBN 978-973-687-555-7, pag. 235-241 Class B.
- **Tutunea Dragoș**, *Biodiesel present and future*, 2nd International Conference on Thermal Engines and Environmental Engineering METIME 2007, June 7-9, 2007, Galați Romania, Thermal Science societies union from Romania University "DUNAREA DE JOS" of Galati. In PROCEEDINGS A: Thermodynamics and fluid mechanics analysis. B. Heat transfer, Refrigeration and cryogenics optimization. Publishing House S.C. Zigotto S.R.L., Cod CNCSIS 262, ISBN: 978-973-1724-17-1, pag.250-256.

- **Tutunea Dragos** *The influence of biofuel properties on the performance of m.a.c* In: National Conference of Thermotechnics with international participation Edition XVI, 31 may– 1 june, 2007, Ploiesti, Romania. Romanian Society of Thermotechniciens University Petrol – Gaze of Ploiesti. Vol 2: Machines and Thermal installations. Publishing House University Petrol-Gaze of Ploiesti, Cod CNCSIS 87, ISSN: 1843-1992, pag.277-283.

- **Tutunea Dragos**, Rîbu Eugenia Adriana, *Energetic resources renewable*, National Colloquium INSTALLATION METHODS AND EQUIPMENT FOR MEASUREMENT, ENERGY CONSERVATION AND MANAGEMENT, Edition IX , 27-28 September 2007 Craiova.

- Rîbu Eugenia Adriana, **Tutunea Dragos**, *Heat transfer in transitory regimes in heat exchangers with micro channels* National Colloquium INSTALLATION METHODS AND EQUIPMENT FOR MEASUREMENT, ENERGY CONSERVATION AND MANAGEMENT, Edition IX , 27-28 September 2007 Craiova.

- **Tutunea Dragos**, *The analysis of biodiesel success in the world*, Annals of the University of Craiova Nr.1/2007 ISSN 1223-5296, pag. 225-236

13. Member of professional associations: Member of Rumanian Society of Thermotechnics

14. Known foreign languages: English and French

15. Other competences:

16. Specialization and qualification: Autocad, Solidworks, Ansys

17. Experience (including managerial experience) in other programs/projects nation/international:

Program/Project	Function	Period:
<p>Project of Exploratory Researches– PN-II-ID-PCE-2007-1 Cod: ID_1107 / 2007, Contract nr. 440/1/10/2007, concluded between M.E.C.T. (CNCSIS, UEFISCSU) and U.T.Cluj-Napoca. Project theme: <i>The development of a data base with representation of surfaces and complexes bodies utilized the engineering graphics.</i> <i>Application in art and technique</i> Director of grant: Conf. dr. ing. Ștefan Țălu Duration of grant: 3.10.2007 – 1.10.2010. URL: http://www.cnscis.ro/PNCIDI%20II/Idei/2008/IDEI_pag_web.pdf</p>	member	2007 - 2010
<p>Project of research: Program PARTENERIATE IN DOMAINS PRIORITARY Finance: Budget of State - Minister of Education Researches and Youth Program PARTENERIATE IN DOMAINS PRIORITARY Categories of projects: PC; Contract of finance for project execution: nr.21070/14.09.2007. Subcontract f finance for project execution nr: 21-070/14.09.2007. Subcontractor: University of Craiova, Faculty of Mechanics. Director of subcontract: Prof.univ.dr.ing. Bica Marin Duration of grant: 2 years Project theme: " <i>The monitoring of the efficiency of cooling system of the high power transformers</i>" Contracting authority The National Center for Management of Programs Contractor: National Institute of Research development and Tests for Electrotehnics– ICMET CRAIOVA</p>	member	2008-2010

18. Other mention's:

I declare on my own responsibility that the data presented are in accordance with reality

Date of completion: 20-04-2008

Signature