



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **Claudiu Nicolicescu**
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E-mail nicolicescu_claudiu@yahoo.com
Nationality Romanian
Date of birth 21.12.1981
Gender masculine

Work experience

Dates **2005 – 2009**
Occupation or position held **Preparatory**
Dates **2009**
Occupation or position held **Teaching Assistant**
Main activities and responsibilities academic activity
Name and address of employer **University of Craiova**, Faculty of Engineering and Management of Technological Systems, Drobeta Turnu Severin,
Type of business or sector higher education

Education and training

Date **2007**
Title of qualification awarded ECDL certificate
Name and type of organization *ECDL Romania*
providing education and training
Date *2006-2008*
Title of qualification awarded Master degree, specialization: "Micro and Nanotechnology"
Name and type of organization Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin,
providing education and training **University of Craiova**, Romania;
Date 2005-2006
Title of qualification awarded post-graduate course "Financing opportunities of Romania in the European integration process"
Name and type of organization Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin,
providing education and training **University of Craiova**, Romania;
Date **2000 - 2005**
Title of qualification awarded Diplomat Engineer (5 year degree)
Name and type of organization Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin,
providing education and training **University of Craiova**, Romania
Date **1996-2000**
Title of qualification awarded Higher Diploma Education
Name and type of organization „DI. Tudor” high school, Drobeta Turnu Severin, Romania
providing education and training

**Personal skills and
competences**

Other language(s) English - well
French – well
Italian - well

Technical skills and competences Powder metallurgy, Computer Aided Design,

Computer skills and competences ECDL complete

Driving license Category B vehicle

ANNEXE

Research grants

- Member in the research team, Research grant EXCELENCE RESEARCH (CEEX) no. 85/2006, beneficiary: Ministry of Education and Research ; coordinator : University of Craiova, Faculty of Engineering and Management of Technological Systems, Drobeta Turnu Severin, Romania through prof. Mihail Mangra; title : ***Knowledge development on the elaboration and microprocessing of the nanostructured materials for MEMS components by powder metallurgy technology***; acronym : **PRONANOMAT** ; funding course : 2006-2008;
- Member in the research team, Research grant EXCELENCE RESEARCH (CEEX) no. 266/2006, beneficiary : Ministry of Education and Research ; coordinator : Institute of Welding and Materials Testing, ISIM, Timisoara, Romania; partner: University of Craiova, Faculty of Engineering and Management of Technological Systems, Drobeta Turnu Severin ; partnership coordinator: prof. Mihail Mangra; title : ***Multifunctional microlayers for Ti-alloys covering by advanced technologies***; acronym : **MICROFUNCTIA** ; funding course : 2006-2008;
- Member in the research team, Research grant EXCELENCE RESEARCH (CEEX) nr.265/2006, beneficiary : Romanian Ministry of Education and Research; coordinator : Institute of Welding and Materials Testing (ISIM), Timisoara; partnership: University of Craiova, Faculty of Engineering and Management of Technological Systems from Drobeta Turnu Severin; partnership coordination: prof. Mangra M.; title : Virtual centre for integrated technologies with applications in the electroultra-acoustic energy in advanced materials engineering; acronym: ULTRATECH ; funding course : 2006-2008;
- Member in the research team, Research grant EXCELENCE RESEARCH (CEEX) no. 94/2006, beneficiary: Ministry of Education and Research; coordinator: Institute of Chemics-Physics „I.G. Murgulescu”, Bucharest, Romania; partner: University of Craiova, Faculty of Engineering and Management of Technological Systems, Drobeta Turnu Severin; partnership coordinator: prof. Mihail Mangra; title : ***The influence of the composition and the structure on the thermodynamical, electrical and magnetic properties of the micro- and nanostructured oxidic materials with special magnetorezistive properties***; acronym : **CMR-TEM** ; funding course : 2006-2008.

Scientific papers

1. **C. Nicolicescu**, I. Bucșe, M. Ciobanu, C. Saceanu, M. Demian, “*Using effects of WC powders and WC-Co nanostructured powders to the fabrication of cutting tools*”, EURO PM2007 Congress & Exhibition, Toulouse, Franta, 14-17 oct. 2007;
2. **C. Nicolicescu**, I. Bucse, M. Ciobanu, C. Saceanu, Researches regarding the elaboration of some WC+12% Co composite nanopowders, The Sixth Seminar of Nanoscience and Nanotechnology, 26 March 2007, Bucuresti;
3. **C. Nicolicescu**, M. Gavrilă, “Researches regarding the elaboration of electrical contacts using W-Cu composite powders”, 4th International Conference on Powder Metallurgy, RoPM2009, in course of publication;

4. **C. Nicolicescu**, M. Ciobanu, L. Leonat “Influence of the mechanical alloying parameters on the elaboration of SiC/Al nanocomposite powders”, 4th International Conference on Powder Metallurgy, RoPM2009 in course of publication;
5. **C. Nicolicescu**, M. Gavrilă, I. Stefan “Researches concerning the mechanical alloying process of the W-Cu composite powders”, EUROPM 2009 Congress & Exhibition, in course of publication;
6. **C. Nicolicescu**, I. Vida-Simiti, M. Ciobanu, I. Bucse, Processing of the W-Cu nanostructured electrical contacts for high power voltages, The Eighth Seminar of Nanoscience and Nanotechnology, Bucharest, Romania, in course of publication;
7. I. Stefan, N. Jumate, **C. Nicolicescu**, M. Ciobanu, “Researches regarding the α -Fe₂O₃ particle size distribution on the ferritising processes of the Ba hexaferrite” EUROPM 2009 Congress & Exhibition, in course of publication;
8. I. Bucse, M. Ciobanu, **C. Nicolicescu**, Researches regarding the elaboration of various master alloys nanopowders used for low alloyed sintered steels production, International Conference on Materials Science and Engineering, BRAMAT 2007, 22-24 February, Braşov, vol. II, p. 154-159; ISSN 1223-9631;
9. G. Demian, , M. Demian, **C. Nicolicescu**, Tribological behaviour of the line hardening of steel 0,5 % C with CW CO₂ laser, International Conference on Materials Science and Engineering, BRAMAT 2007, 22-24 February, Braşov;
10. I. Bucse, M. Ciobanu, **C. Nicolicescu**, A. Săceanu, Research on the nanometric powder processing by mechanical alloying, used as master-alloys for low alloyed sintered steels elaboration, The Sixth Seminar of Nanoscience and Nanotechnology, 26 March 2007, Bucuresti;
11. M. Ciobanu, I. Bucşe, **C. Nicolicescu**, Ani Săceanu, Researches about the elaboration of some composites Fe and Fe₃C nanopowders for sintered carbon steels fabrication, The Sixth Seminar of Nanoscience and Nanotechnology, 26 March 2007, Bucuresti.
12. Bucse, I., Ciobanu M., **Nicolicescu, C.**, Savu,S., Saceanu S., “*Studies on the effects of using nanometric and nanostructured powders as master-alloys for the nanostructured low alloyed steels elaboration*”, EURO PM2007 Congress & Exhibition, Toulouse, Franta, 14-17 oct. 2007;
13. Ciobanu, M., Bucse, I., **Nicolicescu, C.**, Ghermec, C., Radu, S., “*The production of sintered carbon steels as mixture of powders of iron and cementite*”, EURO PM2007 Congress & Exhibition, Toulouse, Franta, 14-17 oct. 2007;

Books:

Demian G., Ghermec O., Ciobanu M., Bucse I., **Nicolicescu C.**, Physics – Reference book, Publisher Universitaria, Craiova 2007, ISBN 973-742-528-6

Nicolicescu C., Coman D. Computer Aided Design-SolidWorks – Practical Application, Publisher Universitaria, Craiova, 2008, ISBN 978-606-510-336-8

Scientific and professional society

2007 – Romanian Welding Society (ASR)

European Programme:

April-June 2005 – Erasmus Socrates, University Polito from Turin, Italy;

Summer school:

July 2007 – Summer School Nanoscience and Nanotechnology, Thessaloniki, Greece