

# Curriculum vitae



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Claudiu Nicolicescu**  
Address(es) 1 Calugareni, Drobeta Turnu Severin  
Telephone(s) + 40.252.333.431  
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E-mail nicolicescu\_claudiu@yahoo.com  
Nationality Romanian  
Date of birth 21.12.1981  
Gender male

### Work experience

Dates 2005 – 2008  
Occupation or position held Teaching Assistant  
Main activities and responsibilities academic and research activity  
Name and address of employer University of Craiova, Faculty of Mechanics, Department of Engineering and Management of Technological Systems, Drobeta Turnu Severin,  
Type of business or sector higher education  
Dates 2009-2012  
Occupation or position held Assistant Professor  
Main activities and responsibilities academic and research activity  
Name and address of employer University of Craiova, Faculty of Mechanics, Department of Engineering and Management of Technological Systems, Drobeta Turnu Severin,  
Type of business or sector higher education  
Dates 2012-present  
Occupation or position held Lecturer  
Main activities and responsibilities academic and research activity  
Name and address of employer University of Craiova, Faculty of Mechanics, Department of Engineering and Management of Technological Systems, Drobeta Turnu Severin,  
Type of business or sector higher education

### Education and training

Date 2005-2009  
Title of qualification awarded Doctor  
Name and type of organization providing education and training University of Craiova, Faculty of Mechanics  
PhD. Thesis Title Researches regarding the elaboration and characterization of nanostructured electrical contacts for high power currents  
Date **2007**  
Title of qualification awarded ECDL certificate  
Name and type of organization providing education and training *ECDL Romania*  
Date 2006-2008  
Title of qualification awarded Master degree, specialization: "Micro and Nanotechnology"  
Name and type of organization providing education and training Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin, 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 providing education and training	Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin, <b>University of Craiova</b> , Romania;
Date	2001-2006
Title of qualification awarded	Economist
	Faculty of Economics and Business Administration, Drobeta Turnu Severin, University of Craiova, Romania
Date	2000 - 2005
Title of qualification awarded	Diplomat Engineer (5 year degree)
Name and type of organization providing education and training	Faculty of Engineering and Management of the Technological Systems, Drobeta Turnu Severin, University of Craiova, Romania
Date	1996-2000
Title of qualification awarded	Higher Diploma Education
Name and type of organization providing education and training	„Dl. Tudor” high school, Drobeta Turnu Severin, Romania
<b>Personal skills and competences</b>	
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

## 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.
- Research grant PN II no.71-135 /2007 code 3268/2007, beneficiary CNCSIS, grant director: dr. eng Savu Dan; title: Microbonding systems for circuit and encapsulated elements of the microsensors and actuators - acronim MICROWELD, coordinated by ISIM Timisoara

## Scientific papers

### ISI

No.	Author's name	Article's title	Journal	Publication year
1.	Ciobanu M, Nicolicescu C, Bucse IG, Stefan I	Heat treatment applied to carbon steels sintered powders of Fe and Fe <sub>3</sub> C powder obtained by mechanical alloying	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 7-8 Pages: 797-802, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=U27Mhr1eFLgFboVNnXE&amp;page=1&amp;doc=3">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=U27Mhr1eFLgFboVNnXE&amp;page=1&amp;doc=3</a>	2013
2.	Stefan I. Nicolicescu C., Olei A	Thermogravimetric studies on the BHF synthesis of BaCO <sub>3</sub> and alpha-Fe <sub>2</sub> O <sub>3</sub> mixtures processed by mechanical alloying	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 7-8 Pages: 774-780, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=U27Mhr1eFLgFboVNnXE&amp;page=1&amp;doc=2&amp;cacheurlFromRightClick=no">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=U27Mhr1eFLgFboVNnXE&amp;page=1&amp;doc=2&amp;cacheurlFromRightClick=no</a>	2013
3.	D.E. ZORILA, C. NICOLICESCU, I. STEFAN	Wear behavior of sintered steels obtained by gas-carburizing process	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 15 Issue: 7-8 Pages: 755-760, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralS">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralS</a>	2013

			earch&qid=3&SID=U27Mhr1eFLgFboVnN XE&page=1&doc=1	
4.	George Stefan MOTATEANU, Claudiu NICOLICESCU, Daniel Eugen ZORILA	Research on the CARBSINT process in order to obtain sintered steels	METALURGIA INTERNATIONAL, VOL. XVIII, NO.5, ISSN 1582-2214, P.96-99	2013
5.	Claudiu NICOLICESCU, Victor Horia NICOARA, Constantin PREDESCU	Tribological behaviour of W/Cu nanostructured materials used for electrical contacts	METALURGIA INTERNATIONAL, VOL. XVIII, NO.2, ISSN 1582-2214, P.61-64, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=4">http://apps.webofknowledge.com/full_recor d.do?product=UA&amp;search_mode=GeneralS earch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd &amp;page=1&amp;doc=4</a>	2013
6.	Constantin PREDESCU, Claudiu NICOLICESCU, Victor Horia NICOARA,	Studies regarding the elaboration of tungsten nanopowders by mechanical milling process	METALURGIA INTERNATIONAL, VOL. XVIII, NO.2, ISSN 1582-2214, P.65-68, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=6">http://apps.webofknowledge.com/full_recor d.do?product=UA&amp;search_mode=GeneralS earch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd &amp;page=1&amp;doc=6</a>	2013
7.	Claudiu NICOLICESCU, Daniel ZORILA, Victor Horia NICOARA	Research regarding the structural characteristics of some steels based on ferrous and copper powders	METALURGIA INTERNATIONAL, VOL. XVIII, SPECIAL ISSUE NO. 5, ISSN 1582- 2214, P.61-64, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=5">http://apps.webofknowledge.com/full_recor d.do?product=UA&amp;search_mode=GeneralS earch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd &amp;page=1&amp;doc=5</a>	2013

## ISI

No.	Author's name	Article's title	Journal	Publication year
8.	Claudiu Nicolicescu, Mariana Ciobanu, Iulian Stefan, Jeni Ghercioiu	Researches regarding the die pressing parameters on the press ability of iron powders	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 13, No. 7, July 2011, p. 855 – 858, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=V117deNd8fal7C4lpo5&amp;page=1&amp;doc=1">http://apps.webofknowledge.com/full_recor d.do?pro duct=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SI D=V117deNd8fal7C4lpo5&amp;page=1&amp;doc=1</a>	2011
9.	Iulian ȘTEFAN, Rodica CHIRIAC, Claudiu Nicolicescu, Mariana CIOBANU	Research on synthesis of barium hexaferrite powders processed by mechanical alloying	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 13, No. 7, July 2011, p. 883 – 886, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=V117deNd8fal7C4lpo5&amp;page=1&amp;doc=2">http://apps.webofknowledge.com/full_recor d.do?pro duct=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SI D=V117deNd8fal7C4lpo5&amp;page=1&amp;doc=2</a>	2011
10.	Claudiu Nicolicescu, Ion Ciupitu, Iulian Ștefan	Researches regarding the elaboration of W-Cu nanocomposites powders	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume: 4 Issue: 9 Pages:1408-1414 Published: SEP 2010, IDS Number: 6710J, ISSN: 1842-6573; <a href="http://apps.isiknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1NBHjG2gOBFEoCbEal&amp;page=1&amp;doc=1&amp;colname=WOS">http://apps.isiknowledge.com/full_record.do?product =UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R 1NBHjG2gOBFEoCbEal&amp;page=1&amp;doc=1&amp;colname= WOS</a>	2010

## International databases

No.	Author's name	Article's title	Journal	Publication year
1.	O. Gingu, C. Nicolicescu, G. Sima	Advanced Ag-Cu Materials Processed by Mechanical Alloying Route. Evaluation of the Powder Particles' Changes vs. Milling Parameters	<i>Solid State Phenomena Vol. 188 (2012) pp 382- 387</i> <i>Online available since 2012/May/14 at</i> <i>www.scientific.net</i> <i>© (2012) Trans Tech Publications, Switzerland</i> <i>doi:10.4028/www.scientific.net/SSP.188.382,</i> <i><a href="http://apps.webofknowledge.com/full_record.do?pr">http://apps.webofknowledge.com/full_record.do?pr</a></i>	2012

			oduct=UA&search_mode=GeneralSearch&qid=1&SID=R1i2YuzeofBbPjyvKRd&page=1&doc=8	
2.	C. Predescu, C. Nicolicescu, M. Gavrilă	Researches Regarding the Properties of Sintered Electrical Contacts Obtained From Mechanically Alloyed W-Cu Powders	Solid State Phenomena Vol. 188 (2012) pp 395-399 Online available since 2012/May/14 at <a href="http://www.scientific.net">www.scientific.net</a> © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/SSP.188.395, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=9">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=9</a>	2012
3.	I. Ștefan, S. Savu, O. Ghermec, C. Nicolicescu M. Trotea	Researches regarding elaboration of barium hexaferrite from microwave heating	Solid State Phenomena Vol. 188 (2012) pp 369-375 Online available since 2012/May/14 at <a href="http://www.scientific.net">www.scientific.net</a> © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/SSP.188.369, <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=7">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=1&amp;doc=7</a>	2012
4.	Claudiu Nicolicescu, Mariana Ciobanu, Lucia Leonat	Influence of the mechanical alloying parameters on the elaboration of SiC/Al nanocomposite powders	Materials Science Forum Vol. 672, pp 219-222, Online available since 2011/Jan/20 at <a href="http://www.scientific.net">www.scientific.net</a> © (2011) Trans Tech Publications, Switzerland, doi:10.4028/ <a href="http://www.scientific.net/MSF.672.219">www.scientific.net/MSF.672.219</a> , <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=2&amp;doc=12&amp;cacheurlFromRightClick=no">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=2&amp;doc=12&amp;cacheurlFromRightClick=no</a>	2011
5.	Iulian Ștefan, Claudiu Nicolicescu, Marin Gavrilă	Influences of the elaboration conditions and addition of Ni and Co on the some properties of the W-Cu electrical contacts	Materials Science Forum Vol. 672, pp 276-280 Online available since 2011/Jan/20 at <a href="http://www.scientific.net">www.scientific.net</a> © (2011) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/MSF.672.276,	2011
6.	Mariana Ciobanu, Traian Popescu, Ionela Bucse, Claudiu Nicolicescu, Iulian Ștefan	Research on the Elaboration by Sintering in Steps of Carbon Steels Based on Iron and Pure Synthetic Cementite Nanopowders Obtained by Mechanical Alloy	Materials Science Forum Vol. 672, pp 259-262, Online available since 2011/Jan/20 at <a href="http://www.scientific.net">www.scientific.net</a> © (2011) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/MSF.672.259	2011
7.	Mariana Ciobanu, Claudiu Nicolicescu, S. Bejan, G. Batin, I. Mercioniu,	Studies concerning the microhardness of sintered carbon steels obtained from Fe and Fe <sub>3</sub> C nanopowders	Materials Science Forum Vol. 672, pp 223-228, Online available since 2011/Jan/20 at <a href="http://www.scientific.net">www.scientific.net</a> , ©(2011)Trans Tech Publications, Switzerland, doi:10.4028/ <a href="http://www.scientific.net/MSF.672.223">www.scientific.net/MSF.672.223</a> , <a href="http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=2&amp;doc=13&amp;cacheurlFromRightClick=no">http://apps.webofknowledge.com/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=R1i2YuzeofBbPjyvKRd&amp;page=2&amp;doc=13&amp;cacheurlFromRightClick=no</a>	2011

## CNCSIS B and B+

No.	Author's name	Article's title	Journal	Publication year
1.	G. Moțățeanu, C. Nicolicescu, D. Zorilă, I. Ștefan	Research on solid state carburizing of sintered steels	WELDING AND MATERIAL TESTING NO. 4/2012, ISSN 1453-0392, p.11-14	2012
2.	Victor Horia NICOARA, Claudiu NICOLICESCU, Constantin PREDESCU	Microwave sintering behavior of barium ferrite nanopowders in order to obtain nanostructured magnets	Revista Institutului Național de Metrologie și a Biroului Român de Metrologie Legală, Vol LVIII nr. 3-4/2012, ISSN 1220-546X, p.28-34	2012

3.	Adela IONESCU, Claudiu Nicolicescu, Ionela BUCSE, Jeni GHERCIOIU	MODELLING AND SIMULATING THE PRESSING PROCESS OF IRON POWDERS WITH DIFFERENT PARTICLE SIZES	RECENT, ISSN 1582-0246, pag.307-310	2011
4.	Ionela BUCSE, Adela IONESCU, Claudiu NICOLICESCU, Jeni GHERCIOIU	STUDIES REGARDING THE INFLUENCE OF BORON ADDITION ON THE HARDNESS AND FRICTION COEFFICIENT OF THE Mn, Mo AND Cr ECOLOGICAL ALLOYED SINTERED STEELS	RECENT, ISSN 1582-0246, pag.194-197	2011
5.	Jeni GHERCIOIU, Claudiu Nicolicescu, Iulian STEFAN, Mario TROTEA	STUDIES REGARDING THE INFLUENCE OF CARBON CONTENT ON THE TRIBOLOGICAL BEHAVIOUR OF GAS-CARBU-SINTERING STEELS	THE ANNALS OF UNIVERSITY "DUNĂREA DE JOS" OF GALAȚI FASCICLE VIII, TRIBOLOGY, ISSN 1221-4590, pag. 97-100	2011
6.	Ionela Bucse, Mariana Ciobanu, Claudiu Nicolicescu,	Researches regarding the elaboration of various master alloys nanopowders used for low alloyed sintered steels production	Bulletin of the Transilvania University of Brasov. Series A2. Vol. 14 (49), 2007, pag. 154-159; ISSN 1223-9631;	2007
7.	Gabriela Demian, Mihai Demian, Claudiu Nicolicescu	Tribological behaviour of the line hardening of steel 0,5 % C with CW CO <sub>2</sub> laser	Bulletin of the Transilvania University of Brasov. Series A2. Vol. 14 (49), 2007, pag. 223-228; ISSN 1223-9631;	2007

## Journals of International Conferences

No.	Author's name	Article's title	Journal	Publication year
1.	Iulian Ștefan, Adrian Olei, <b>Claudiu Nicolicescu</b>	Research on mechanical alloying effects on magnetic properties of barium ferrite type M	Proceedings of Comat 2012: Transilvania University of Brasov, 18- 20 october 2012, Brasov, Romania, Editure Derc Publishing House, ISBN 9780981730059, Pg. 650-655	2012
2.	I. Ștefan, R. CHIRIAC, V. Nicoara, N. Cioatera C. <b>Nicolicescu</b> , M. Trotea, J. Ghercioiu	Research Regarding Structural Transformations of M Type Barium Ferrite Piro-synthesis	EUROP M 2011 CD Proceedings, Vol 1, ISBN: 978-1-899072-23-1, pg. 323-330	2011
3.	<b>Claudiu Nicolicescu</b> , Marin Gavrilă, Iulian Ștefan	Researches concerning the mechanical alloying process of the W-Cu composite powders	EUROP M 2009 Congress & Exhibition, Denmark, vol.2 pag.199-204, ISBN 978 1 899072 07 1;	2009
4.	Ștefan Gheorghe, Cristina Teișanu, <b>Claudiu Nicolicescu</b>	Studies regarding the wear behavior of sintered Cu-Sn-Mn bronze	EUROP M 2009 Congress & Exhibition, Denmark, vol.2 pag. 395-400, ISBN 978 1 899072 07 1;	2009
5.	<b>Claudiu Nicolicescu</b> , Ionela Bucșe, Mariana Ciobanu, Constantin Saceanu, Mihai Demian	Using effects of WC powders and WC-Co nanostructured powders to the fabrication of cutting tools	EURO PM2007 Congress & Exhibition, Toulouse, France, 14-17 oct. 2007, vol 2, pag. 285-287, ISBN : 978-1- 899072-30-9	2007
6.	Ionela Bucse, Marina Ciobanu, <b>Claudiu Nicolicescu</b> , Sorin Savu, S. Saceanu	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, France, 14-17 oct. 2007, vol. II, pag. 271-273, ISBN : 978-1- 899072-30-9	2007
7.	Mariana Ciobanu, Ionela Bucse, <b>Claudiu Nicolicescu</b> , Cristian Ghermec, Ștefan Radu	The production of sintered carbon steels as mixture of powders of iron and cementite	EURO PM2007 Congress & Exhibition, Toulouse, France, 14-17 oct. 2007, VOL II, P275, ISBN: 978-1-899072- 30-9	2007
8.	<b>Claudiu Nicolicescu</b> ,	Researches regarding the elaboration of	The Sixth Seminar of	2007

	Ionela Bucse, Mariana Ciobanu, Constantin Saceanu	some WC+12%Co composite nanopowders	Nanoscience and Nanotechnology, 26 March 2007, Bucharest, vol. 11, Pag.118-126, ISBN: 978-973-27-1576-5, Romanian Academy	
9.	Ionela Bucse, Mariana Ciobanu, Claudiu Nicolicescu, Ani 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, Bucharest, vol. 11, Pag.138-145, ISBN: 978-973-27-1576-5, Romanian Academy	2007
10.	Mariana Ciobanu, Ionela Bucse, Claudiu Nicolicescu, Ani Săceanu	Researches about the elaboration of some composites Fe and Fe <sub>3</sub> C nanopowders for sintered carbon steels fabrication	The Sixth Seminar of Nanoscience and Nanotechnology, 26 March 2007, Bucharest, vol. 11, Pag.160-166, ISBN: 978-973-27-1576-5, Romanian Academy	2007

### Journals without quotation

No.	Author's name	Article's title	Journal	Publication year
1.	Claudiu NICOLICESCU, Iulian STEFAN, Victor Horia Nicoară, Stefan RADU,	Thermal behavior of mechanically alloyed powders based on tungsten carbide	ADVANCES IN ENGINEERING&MANAGEMENT, UNIVERSITARIA PRINTHOUSE, ISBN 978-606-14-0562-6, P.63-66	2012
2.	Victor-Horia Nicoară, Claudiu Nicolicescu, Iulian Ștefan	Research regarding the mechanical milling process of barium ferrite type m	ADVANCES IN ENGINEERING&MANAGEMENT, UNIVERSITARIA PRINTHOUSE, ISBN 978-606-14-0562-6, P.59-62	2012
3.	Stefan RADU, Claudiu NICOLICESCU, Mariana CIOBANU	Possibilities of obtaining metallic powders from recycled chip	ADVANCES IN ENGINEERING&MANAGEMENT, UNIVERSITARIA PRINTHOUSE, ISBN 978-606-14-0562-6, P.151-154	2012
4.	I. Stefan, C. Nicolicescu, A. Olei, M. Trotea	Researches on formation of BaFe <sub>2</sub> O <sub>4</sub> from ceramic powders obtained by ball milling	ADVANCES IN ENGINEERING&MANAGEMENT, UNIVERSITARIA PRINTHOUSE, ISBN 978-606-14-0562-6, P.95-98	2012
5.	C. Nicolicescu	Elaboration of some SiC/Al Composite by Mechanical alloying technique	Review of Industrial Engineering 2008, vol. 1, pag. 46-49, ISSN 1583-5200	2008

### Papers presented at International Conferences (published as abstract in Conference Proceedings)

No.	Author's name	Article's title	Conference
1.	Claudiu Nicolicescu, Marius Criveanu, Andrei Rotaru, Victor Horia Nicoara Catalin Luculescu	Thermal analysis of Cu/W composite powders obtained by mechanical alloying process	2 <sup>nd</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC2, 27-30 August 2013 – Vilnius, Lithuania
2.	Claudiu Nicolicescu, Marius Criveanu, Andrei Rotaru, Victor Horia Nicoara Catalin Luculescu, Iulian Stefan	Thermal analysis of SiC/Al composite powders obtained by mechanical alloying process	2 <sup>nd</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC2, 27-30 August 2013 – Vilnius, Lithuania

3.	Marius Criveanu, Andrei Rotaru, <b>Claudiu Nicolicescu</b> , Adrian Bebe Olei, Marco Actis Grande, Mario Rosso	Thermal processing influence on P/M steel obtained by GASCARBUSINTERING	2 <sup>nd</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC2, 27-30 August 2013 – Vilnius, Lithuania
4.	<b>C. Nicolicescu</b> , C. Predescu, M.Gavrila	Tribological behaviour of W/Cu nanostructured materials used for electrical contacts	Advanced Materials and Structures, Timisoara, 2011
5.	M. Ciobanu, <b>C. Nicolicescu</b> , I. Stefan, M. Criveanu	Research Regarding the Microstructure of Sintered Carbon Steels	Advanced Materials and Structures, Timisoara, 2011
6.	<b>C. Nicolicescu</b> , Iulian Stefan, Stefan Radu	Studies on the thermal behaviour and mechanical properties of hard materials obtained from mechanically alloyed powders	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
7.	<b>C. Nicolicescu</b> , Iulian Stefan	Research regarding the elaboration of SiC/Al composite by powder metallurgy route	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
8.	Victor Nicoară, <b>C. Nicolicescu</b> , Iulian Ștefan	Researches Regarding the Elaboration of Barium Ferrite Nanostructured Magnets Sintered by Microwave Heating	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
9.	Stefan Radu, <b>C. Nicolicescu</b>	Research on the obtaining process of metal powders from recycled high speed steel from grinding	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
10.	I. Ștefan, <b>C. Nicolicescu</b>	Thermogravimetric studies on the BHF synthesis of BaCO <sub>3</sub> and $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> mixtures processed by mechanical alloying	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
11.	Iulian ȘTEFAN, <b>Claudiu NICOLICESCU</b>	Thermogravimetric researches regarding the grain effect of hematite powders to BFM synthesis	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
12.	O. Gingu, P. Rotaru, P. Osiceanu, S. Tanasescu, <b>C. Nicolicescu</b> , G. Sima	Thermal investigation of Ag-Cu nanoalloys processed by mechanical alloying	1 <sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry CEEC-TAC1, 7-10 September 2011 – Craiova, Romania
13.	<b>C. Nicolicescu</b> , M. Gavrila	Research Regarding the Elaboration of Electrical Contacts Using WCu Composites Powders	4th INTERNATIONAL CONFERENCE ON POWDER METALLURGY, Craiova, 2009
14.	I. Ștefan, N. Jumate, <b>C. Nicolicescu</b> , M. Ciobanu	Research regarding the influence of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> particle size on the ferritizing processes of Ba ferrite	The eighth Seminar of Nanoscience and Nanotechnology, 26 March 2009, Bucharest
15.	<b>C. Nicolicescu</b> , I. V.Simiti, M. Ciobanu, I. Bucse	Elaboration of the nanostructured electrical contacts for high power currents by W-Cu nanocomposite powders	The eighth Seminar of Nanoscience and Nanotechnology, 26 March 2009, Bucharest

### Books:

1. Mangra M, Ciupitu I., Gingu O., Savu D., Savu S., Nicolicescu C. Bica I., Morjan I., Kappel W., Dehelean D., Procedures for the elaboration of nanometric and nanostructured powders, Universitaria Publisher, Craiova, 2008, ISBN 978-606-510-305-4
2. Demian G., Ghermec O., Ciobanu M., Bucse I., **Nicolicescu C.**, Physics – Reference book, Universitaria Publisher, Craiova 2007, ISBN 973-742-528-6
3. **Nicolicescu C.**, Coman D. Computer Aided Design-SolidWorks – Practical Applications, Universitaria Publisher, Craiova, 2008, ISBN 978-606-510-336-8



### **Scientific and professional society:**

2010 – Romanian Tribology Association (ART)

2009 - Romanian Welding Society (ASR)

### **European Programs:**

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

June 2010 - Erasmus Socrates, Polito University from Turin, Italy;

June 2013 - Erasmus Socrates, Polito University from Turin, Italy;

### **Summer schools:**

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

07-10 September 2011- Short Summer School on Thermal Analysis and Calorimetry

20-25 May 2012 – International Training School on Nanoalloys (ISNA), Pisa, Italy

12.10.2012 Cooperation in the border region Romania-Bulgaria between the economic and the academic field regarding human resource development in the field of renewable energy technologies, Drobeta Turnu-Severin, Romania;

14-16 December 2012 1<sup>st</sup> Winter School – A week-end on the Danube! Renewable Energy Systems and Green Nanotechnologies for a Clean Environment”, Drobeta-Turnu Severin, Romania;

05.04.2013 Renewable energy in Romania, present and future, University of Craiova, Faculty of Mechanics, Department of Engineering and Management of the Technological Systems, Drobeta Turnu-Severin, Romania;

05-11 august 2013 Summer Academy on "New perspectives in teaching between student-centered and responsible approach" and Teaching Conference, University "1 Decembrie 1918", Alba Iulia, Romania;

27-30 August 2013 - Short Summer School on Thermal Analysis and Calorimetry, Vilnius Lithuania.