

*Activitatea Didactică/Profesională,  
Activitatea de cercetare  
şi  
Recunoaşterea impactului activităţii*

Statistica şi total puncte :

<b>Nr. crt.</b>	<b>Domeniul de activitate</b>	<b>Condiţii minimale cerute</b>	<b>Punctajul realizat</b>
1	Activitate didactică/profesională (A <sub>1</sub> )	Min 40	500,00
2	Activitate de cercetare (A <sub>2</sub> )	Min 300	1669,44
3	Recunoaşterea impactului activităţii (A <sub>3</sub> )	Min 60	298,11
<b>TOTAL</b>		<b>400 p</b>	<b>2467,55 p</b>

**A<sub>1</sub> – ACTIVITATE DIDACTICĂ ŞI PROFESIONALĂ.....pg.2**

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**A<sub>3</sub> – RECUNOAŞTEREA ŞI IMPACTUL ACTIVITĂŢII.....pg.18**

# A<sub>1</sub> – ACTIVITATE DIDACTICĂ ȘI PROFESIONALĂ

## 1.1 Carti și capitole din cărți de specialitate

### 1.1.1 Cărți / capitole ca autor /internationale

Formula: 25

Tipul lucrării	Titlul	Punctaj
I	1. New trends on monitoring and diagnosis for health sciences, Capitol: <b>D. Ursutiu</b> si alti "Preliminary results related to the melotherapy effectsanalysis using the BioRadio and LabVIEW analyses", p.95-113, Ed. LAP LAMBERT Academic Publishing, <b>2015</b> , ISBN: 978-3-659-77699-1	25
I	2. Cotfas,P., Cotfas, D., <b>Ursutiu, D.</b> , Samoila, C., "SOFTWARE DESIGN AND DEVELOPMENT CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS", Editura IRMA (Information Resources Management Association) - USA DOI: 10.4018/978-1-4666-4301-7.cho52, <b>2014</b>	25
I	3. <b>D.Ursutiu</b> , C.Samoila,M.Dabacan, Creative Educational Tools and LabVIEW Chapt. P266-274, in Book:Engineering Education for New Industrialization, KAZAN, pp.296, ISBN 978-5-7882-1457-3, <b>2013</b>	25
I	4. Cotfas,A.P., Cotfas,D.T., <b>Ursutiu,D.</b> , Samoila,C. – " <b>NI ELVIS COMPUTER BASED INSTRUMENTATION</b> " – NTS - National Technology & Science Press- USA - 192 pp - <b>2012</b> ;	25
I	5. Cotfas, P., Cotfas, D., T., <b>Ursutiu, D.</b> , Samoila, C. – " <b>NEW TOOLS IN HARDWARE-SOFTWARE DESIGN APPLIED FOR REMOTE PHOTOVOLTAIC LABORATORY</b> " Chapter 3 – IGI Global in "INTERNET ACCESS REMOTE LABORATOIRES-SCALABLE E-LEARNING TOOLS FOR ENGINEERING AND SCIENCE DISCIPLINES" <b>2012</b> -Editors: Abdul M.Azad, Michael Auer, Judson Harward –DOI 104018/978-1-6130-186-3, ISBN 13-978-161370-18-63, ISBN10 -1613501862, EISBN 13 978-1613501870, <a href="http://www.igi-global/book/internet-accessible-remote-laboratories/52730-37">http://www.igi-global/book/internet-accessible-remote-laboratories/52730-37</a> pp;	25
I	6. <b>Ursutiu,D.</b> , Cotfas,P.,Cotfas,D., Samoila,C. – " <b>USING REMOTE LABORATORIES IN EDUCATION</b> " Editors Zubia,J.J, Alves,G.R. – University Press of Deusto , Chapter 6: " <b>MULTIFUNCTIONAL LAB. BASED ON AGILENT USB TECHNOLOGIES</b> "- pp 22 - ISBN <b>978-84-9830-335-3-pp.135 -157; 2011</b>	25
I	7. Samoila,C., <b>Ursutiu, D.</b> , -" <b>TECHNOLOGY FOR FACILITATING HUMANITY AND COMBATING SOCIAL DEVIATIONS-INTERDISCIPLINARY PERSPECTIVES</b> "- Editor. Miguel Vargas Martin, IGI-GLOBAL Publishing Academic Excellence--354-pp,DOI <b>10:4018/978-1-60960-094-5. ISBN 13: 978-1-60960-094-5; 2011</b>	25
I	8. Samoila, C., Curaj, A., <b>Ursutiu, D.</b> , Iunius, F – " <b>PROJECT MANAGEMENT</b> " - Ed. Bloomfiend College NJ-USA 134 pp, ISBN <b>978-1-61658-778-9; 2010</b>	25
I	9. <b>Ursutiu, D.</b> , Cotfas,P. Samoila, C. – " <b>ONLINE ENGINEERING</b> "- chapter 3, 36 pp, Published by NOVA SCIENCS Publishers, Inc., New York, 195 pp, ISBN <b>978-1-60741-166-6, 2009</b> ;	25
I	10. P.Cotfas, <b>D.Ursutiu</b> , C.Samoila "Virtual Laboratory and Virtual	25

	Instrumentation”, Internet as a Vehicle for Teaching, Editors N.Nistor & M.Jalobeanu, ISBN 973-99287-4-9, <b>2001</b>	
<b>I</b>	11. <b>D.Ursutiu</b> , A.Duta, D.Nanu, P.Cotfas, INTEGRAL METHODS IN SCIENCE AND ENGINEERING, Editori B.Bertram, C. Constanda, A.Struthers, ISBN-1-58488-146-1, Editura CHAPMAN&HALL/CRC, 360pp, Houghton, USA. <b>2000</b> ;	<b>25</b>
<b>I</b>	12. C.Samoila, <b>D.Ursutiu</b> , D.Centea, Modelling of the Layer Depth Evolution During Thermochemical Process, P.681-687, Proceedings of the 10th Congress of the IFHT, incorporating the third ASM International Europe Heat Treatment and Surface Engineering Conference in Europe, Edited by T.Bell and E.J.Mittemeijer, Ed.IOM Communications Ltd. Alden Group Oxford, ISBN 1-86125-026-6, <b>1999</b>	<b>25</b>
<b>I</b>	13. M.V.Dragoi, <b>D.Ursutiu</b> , I.Martinescu, Universitatea Transilvania Brasov, « Aspecte ale culegerii de date din proces, utilizind placa de achizitie AT-MOI-16 », Tehnologii Moderne Calitate Restructurare, vol. IV, Editura « Tehnica-Info », ISBN 9975-910-77-7, Chisinau, p.60-63, <b>1999</b>	<b>25</b>
<b>I</b>	14. A.Duta, D.Nanu, D.Perniu, O.Tatu, <b>D.Ursutiu</b> , “Building an Internet-based Database for Teaching and Learning Physical Chemistry”, Internet as a Vehicle for Teaching, Editors N.Nistor & M.Jalobeanu, ISBN 973-99287-4-9, p.108-111, <b>1999</b>	<b>25</b>
<b>I</b>	15. <b>D.Ursutiu</b> , Teaching Physics on a Virtual Laboratory, International Workshop Internet as a Vehicle for Teaching, RILW Proceedings, ISBN 973-97403-4-0, p.47-52, <b>1998</b>	<b>25</b>
<b>I</b>	16. A.Belu, <b>D.Ursuti</b> , S.Dumitru, R.Mănăilă, A.Devenyi, "Temperature Dependence of 1/f Noise in Ni-Cr Films", Noise in Physical Systems and 1/f Noise - 1985, Edited by A. D'AMICO and P. Mazzetti, Elsevier Science Publishers, B.V., North-Holland, pg.459-462, <b>1986</b>	<b>25</b>

**TOTAL 400**

### 1.1.2 Carti / capitole ca autor /naționale

**Formula: 20**

Tipul lucrării	Titlul	Punctaj
<b>N</b>	1. Samoila,C., Cotfas,P., Cotfas,D., <b>Ursutiu,D.</b> , Vizureanu,P.,- “ <b>ALIAJE CU MEMORIA FORMEI</b> ” Editura Universitatii Transilvania, ISBN 978-973-598-934-7 pp. 155; <b>2011</b>	<b>20</b>
<b>N</b>	2. <b>Doru Ursutiu</b> , Dimitris Alimisis, <b>Modelling and Simulation Software in Chemistry</b> , Editura Universitatii “Transilvania”, <b>2002</b>	<b>20</b>
<b>N</b>	3. <b>Doru Ursutiu</b> , <b>Initiere in LabVIEW – Programarea Grafica in Fizica si Electronica</b> , Editura Lux Libris, ISBN 973-9428-60-6, pp 178, <b>2001</b>	<b>20</b>

**TOTAL 60**

## 1.2 Material didactic / lucrări didactice

### 1.2.1 Manuale didactice / Monografii

**Formula: 10**

Tipul	Titlul	Punctaj
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lucrarii		
<b>D/M</b>	1. "Fizica Electronica – Lucrari de laborator" (pentru sectiile de Matematica-Fizica, Fizica-Chimie si Cadastru) <b>D.Ursutiu</b> , Cotfas Petru, Editura Universitatea Transilvania Braşov, 92 pg., Brasov, <b>2000</b>	<b>10</b>
<b>D/M</b>	2. "Fizică Electronică" (Curs de electronică pentru sectiile de Matematică-Fizică si Fizică-Chimie), <b>D.Ursuțiu</b> - Reprografia Universității Transilvania, 155pg., Braşov, <b>1994</b>	<b>10</b>
<b>D/M</b>	3. "Culegere de probleme de Fizică", <b>D.Ursuțiu</b> in Colectiv de la Catedra de Fizică, Editura Universitatea Transilvania Braşov, 245pg., Brasov, <b>1981</b>	<b>10</b>
<b>D/M</b>	4. "Îndrumar de lucrări de laborator: Fizică generală", <b>D.Ursuțiu</b> in Colectiv de la Catedra de Fizică, Editura Universitatea Transilvania Braşov, 210pg., Brasov, <b>1981</b>	<b>10</b>
<b>TOTAL</b>		<b>40,00</b>

## A<sub>2</sub> ACTIVITATEA DE CERCETARE

### 2.1 – a Articole publicate în reviste ISI Thomson Reuters

**Formula: (25 +20 x FI)/nr.autori**

Impact Factor	Titlul lucrarii	Punctaj
<b>2,71</b>	1. Jinga,V., Mateescu,A.O., Cristea,D., Mateescu,G., Burducea,I., Ionescu,C., Craciun,L.S., Ghiuta,I., Samoila,C., <b>Ursutiu,D.</b> , Munteanu,D., "COMPOSITIONAL, MORPHOLOGICAL AND MECHANICAL INVESTIGATIONS OF MONOLAYER TYPE COATING OBTAINED BY STANDARS AND REACTIVE MAGNETRON SUPPTERING FROM Ti,TiB2 and WC" in Applied Surface Science nr. DOI: 10.1016/j.apsusc.2015.08.120 Access number APSUSC 310671.7. <b>2015</b>	<b>7,92</b>
<b>1,123</b>	2. JINGA, V., MATEESCU, A.O., MATEESCU, G., CRACIUN, L.S., IONESCU, C., SAMOILA, C., <b>URSUTIU, D.</b> , MUNTEANU, D., CRISTEA, D., MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF THE MULTILAYER DRY LUBRICANT COATINGS WITH TERNARY COMPOSITION FROM COMPOUND MATERIALS" (TixNy; TiB2/ TixByNz; WC/ WxCyNz)" in JOAM-Journal of Optoelectronics and Advanced Materials Vol. 17, No. 5-6, May – June <b>2015</b> , p. 773 - 779, ISSN -Print: 1454-4164, On-Line: 1841-7132	<b>5,273</b>
<b>1</b>	3. Mateescu.O.A., Balan,A., Mateescu.GH., Stamatin,I., Samoila,C., <b>Ursutiu,D.</b> , Nascov.V., "NANOSTRUCTURES & CORROSION RESISTANCE FOR WC-Ti-N LAYER DEPOSITED BY REACTIVE MAGNETRON SPUTTERING" In Digest Journal of Nanomaterials and Biostructures-vo.10, No.2, April-June <b>2015</b> , pp.437-443, ISSN 1842 -3582 Accession Number: WOS:000354951700012	<b>7,1</b>
<b>1</b>	4. Mateescu,A.O., Mateescu,G., Jinga,V., Cristea,D., Samoila,C., <b>Ursutiu,D.</b> , Munteanu,D., PHYSICAL AND TECHNOLOGICAL INTEPRETATION OF MECHANICAL PROPERTIES FOR SINGLE AND MULTI-LAYER WITH PROPERTIES OF DRY LUBRICANTS" - in JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Vol. 17, No. 7-8, July – August <b>2015</b> , p. 1152 - 1160 , Online ISSN: 1937- 7375	<b>6,78</b>

<b>0,516</b>	5. Nascov, V., Samoilă, C., <b>Ursuțiu, D.</b> , “CORROSION MONITORING BY OPTICAL INSPECTION WITH COHERENT AND INCOHERENT LIGHT” Revista JOAM-Journal of Optometry and Advanced Materials -OAM-RC nr. 11-12/ <b>2014</b> . ISSN 1937 – 7375,	<b>10,106</b>
<b>0,516</b>	6. <b>Ursuțiu, D.</b> , Samoilă, C., Balteș, L.S., Țierean, M.H., Vekas,L., Jinga, V., _” <b>LABVIEW IN ULTRASOUND PLASTIC MATERIALS MEASUREMENT”</b> Revista JOAM (Journal of Optoelectronics and Advanced Materials) Vol.15 No.7-8 July-August pp.750-754- <b>2013</b>	<b>7,064</b>
<b>0,134</b>	7. Jinga, V., Dudită, M., Nascov,V., Samoilă, C., <b>Ursuțiu, D.</b> , “ <b>APPLICATION OF NANOSTRUCTURED TECHNOLOGY FOR ACCURACY INCREASING IN A GAS FLOW METER CASE”</b> -Revista Metalurgia International Vol.18–nr.5/ <b>2013</b> pp.152 – 158-ISSN – 1582 - 2214	<b>5,536</b>
<b>0,134</b>	8. Oancea,L., Vețleanu, A., Nascov, V., Chichernea, F., <b>Ursuțiu, D.</b> , Samoilă, C., “ <b>CORROSION BEHAVIOR IN RINGER SOLUTION BIOCOMPATIBLE ALLOYS- 316L AND Ti6AL4V”</b> -Revista Metalurgia International –nr.5/ <b>2013</b> Vol.18-pp. 121 – 125, ISSN – 1582 – 2214;	<b>4,613</b>
<b>0,134</b>	9. Cotfas, P., Cotfas, D., Samoilă,C., Varga, B., <b>Ursuțiu, D.</b> , Zamfira, S.,Vizureanu, P., “ <b>INDIRECT MEASUREMENT OF TRANSFORMATION TEMPERATURES AT SHAPE MEMORY ALLOYS OF CuZnAl CATEGORY”</b> BRAMAT Revista Metalurgia International –nr.6/ <b>2013</b> , ISSN – 1582 - 2214	<b>3,054</b>
<b>0,134</b>	10. Jinga, V., Monescu,V., Samoila, C., <b>Ursutiu,D.</b> , Cotfas, P – “ <b>EXPERIMENTAL METHOD FOR SOLVING A THERMAL FLOW METER MATHEMATICAL MODEL”</b> - Rev. Metalurgia International, Vol.18, Nr. 1/ <b>2013</b> , pp.- 81-84, ISSN – 1582 – 2214;	<b>5,536</b>
<b>0,516</b>	11. Jinga,V., Dudita,M., Samoila,C., <b>Ursutiu, D.</b> - “ <b>NANOSTRUCTURED COPPER OXIDES OBTAINED VIA ECTRODEPOSITION FOR GAS SENSOR APPLICATION”</b> – ROCAM-Conference 2012- Aug. <b>2012</b> , Brasov-Romania- Journal of Optoelectronics and Advsnaced Materials – USA – ISSN 1937 – 7375 (in print);	<b>8,830</b>
<b>1,004</b>	12. Cotfas,D., Cotfas,P., Borza,P., <b>Ursutiu,D.</b> , Samoila,C. “ <b>WIRELESS SYSTEM FOR MONITORING THE SOLAR RADIATION”</b> Rev.Environmental Engineering and Management Journal-Aug. <b>2011</b> , Vol.10, No.8 –pp.1133 – 1137, ISSN-1582-9596;	<b>9,016</b>
<b>0,084</b>	13. Oлару,I.,Almasan,V., Samoila,C., <b>Ursutiu,D.</b> , Cotfas,P., Cotfas,D. “ <b>THE CHARACTERIZATION OF THE CATALYTIC MATERIALS USING THE KINETIC TRANSIENT STAGE”</b> Rev. Metalurgia International Vo.XVI No.4- <b>2011</b> , pp.49 – 52, ISSN 1582-2214;	<b>4,447</b>
<b>0,173</b>	14. Cotfas, P., Samoila, C., <b>Ursutiu, D.</b> , Cotfas, D.: “ <b>DECARBURIZATION STUDY FOR BEARING STEEL USING BARKHAUSEN NOISE”</b> Revista “Metalugia International”-Vol.XIV-nr.9/ <b>2009</b> -pp. 50 – 54-ISSN-1582-2214;	<b>7,115</b>

**TOTAL 92,39**

**2.1 – b -Proceedings-uri ISI (volume) ale Conferintelor Internaționale**

**Formula: (25 +20 x FI)/nr.autori**

<b>Impact Factor</b>	<b>Titlul lucrării</b>	<b>Punctaj</b>
<b>0</b>	1. <b>Ursutiu, D.</b> , Samoila, C., Moga, M., Jinga, V., “ <b>NEW HARDWARE (BETA TESTING)WITH POTENTIAL TO BE USED IN MEDICAL CARE USING WIRELESS TECHNOLOGY AND VIRTUAL INSTRUMENTATION”</b> in Applied Mecanicas and Materials vol.656, (2014) pp.606-614, Monitoring, Controlling and Architecture of Cyber=Physical Systems, Trans Tech.Publications, Editor Adrian Oлару, ISI	<b>6,25</b>

	<i>Proceedings I.F.= 0,</i>	
<b>0</b>	2. Mateescu, A.O., Mateescu, G., Craciun, L., Ionescu, C., Samoila, <b>D. Ursutiu</b> , D. Munteanu, D. Cristea, V. Jinga - <b>“MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF THE MULTILAYER DRY LUBRICANT COATINGS WITH TERNARY COMPOSITION FROM COMPOUND MATERIALS (TI<sub>x</sub>N<sub>y</sub>; TIB<sub>2</sub>/ TI<sub>x</sub>B<sub>y</sub>N<sub>z</sub>; WC/ W<sub>x</sub>C<sub>y</sub>N<sub>z</sub>)”</b> - article presented at International Balcanic Workshop on Applied Physics (IBWAP)-Constanta, 2-4 July <b>2014</b> ISI Proceedings-F.I. =0	<b>2,77</b>
<b>0</b>	3. Mateescu, A.O., Mateescu, G., Samoilă, C., <b>Ursutiu, D.</b> , Munteanu, D., Cristea, D., V. Jinga <b>“TRIBOLOGICAL TESTS FOR NANOSTRUCTURED DRY LUBRICANT MULTI-LAYER COATINGS”</b> ROCAM-2014 5th International on Matyerials Science and Technology, 15 – 17 Oct. <b>2014</b> -Bucharest, ISI Proceedings F.I. = 0;	<b>3,57</b>
<b>0</b>	4. Cofas,D.T., Cofas, P., <b>Ursutiu, D.</b> , Samoila, C., - <b>“THE METHODS TO DETERMINE THE SERIES RESISTANCE AND THE IDEALITY OF THE DIODE FOR SOLAR CELLS REVIEW”</b> OPTIM-Conference-Brasov 24-26 may <b>2012- IEEE-978-1-4673-1653-8/12/\$3100;</b>	<b>6,25</b>
<b>0</b>	5. Jinga,V., Samoila,C., <b>Ursutiu, D.</b> , Cofas,P. <b>“THERMAL IMPULSE SENSOR WITH FOUR POINTS ACQUISITION CARD FOR TEMPERATURE MEASUREMENT”</b> Industrial Simulation Conference 4-6 June <b>2012</b> -Brno University of Technology,Brno, Czeh Republic-EUROSIS - ETI publication ISI Thomson and IET referenced, pp 85-89, <b>ISBN -978-90-77381-717;</b>	<b>6,25</b>
<b>0</b>	6. Cofas, P., Cofas, D., Ramona, O., <b>Ursutiu, D.</b> , Samoila, C. <b>“TEMPERATURE MONITORING AND CONTROL WITH CLOUD INSTRUMENTATION”</b> Euromedia’2012 “Seventeh Annual Scientific Conference on WEB Technology, New Media, Communications and Telematics Theory, Methods, Tools and Application” april 18 – 20, <b>2012</b> -Bucharest, EUROSIS-ETI Publication-ISI Thompson and IET referenced- <b>ISBN : 978-90-77381-69-4, EAN 978 – 90-77381-69-4;</b>	<b>5,00</b>
<b>0</b>	7. Jinga,V., Oros,R., Samoila,C., <b>Ursutiu,D.</b> - <b>“ MATHEMATIC MODEL OF HEAT TRANSFER IN THE PULSE SENSOR”</b> - <b>ISI-Proceedings</b> of Anals of DAAAM- <b>2011- ISSN 1726-9679</b> pp.1259 – 1261; Editor B.Katalinic;	<b>6,25</b>
<b>0</b>	8. Oros,R., Barb,R., <b>Ursutiu,D.</b> , Samoila,C.- <b>“WIFI SENSOR BASED APPLICATION”</b> -the 20th DAMM International Symposium “Intelligent manufacturing &Automation:Focus Theory,Practice and Education 25-28th November <b>2009</b> , Vol. 20-Vienna, Austria pp 961-963- <b>ISSN-1726-9679;</b>	<b>6,25</b>
<b>0</b>	9. Barb,R.,Oros,R., <b>Ursutiu,D.</b> ,Samoila,C.,- <b>“DESIGNING A NEW SYSTEM BASED ON NI-ELVIS FOR HALL CONSTANT MEASUREMENT”</b> 20th DAMM International Symposium “Intelligent manufacturing &Automation:Focus Theory,Practice and Education 25-28th November <b>2009</b> , Vienna, Austria,Vol.20, pp 963-965- <b>ISSN-1726-9679;</b>	<b>6,25</b>

**TOTAL 48.84**

**Total articole ISI = 14 din care:**

- **Reviste ISI Thomson Reuter = 14**
- **Conferinte ISI = 9**
- **Cu Impact Factor mai mare de 0,5 = 5**
- **Total punctaj realizat= 141,23**

## 2.2. -a - Articole in reviste indexate BDI

Formula: **20/nr.autori**

<b>BDI</b>	<b>Titlul lucrării</b>	<b>Punctaj</b>
<b>EBSCO,</b>	1. Floroian,D., Floroian, L., Rachamim R., Lieberman, D., Cofas,P., Cofas,D.,	<b>2,500</b>

SCOPUS, INSPEC, ELSEVIER	<u>Ursutiu,D.</u> , Samoila,C.- " <b>MEASUREMENTS IN CONCENTRATED SUN USING A REMOTE CONTROLLED ROBOT</b> " Rev. iJOE( <a href="http://www.online-journals.org/index.php/i-joe">http://www.online-journals.org/index.php/i-joe</a> ) Vol.9,Special Issue-REV-2013/ <b>2013</b> Kassel Press Printing House-EBSCO pp.24-29;	
EBSCO, SCOPUS, INSPEC, ELSEVIER	2. <u>Ursutiu,D.</u> , Samoila,C., Bergmans,J., - " <b>LABSOCKET A NEW TREND IN REMOTE LABS</b> " – Rev. iJOE( <a href="http://www.online-journals.org/index.php/i-joe">http://www.online-journals.org/index.php/i-joe</a> ) Vol.9,No.5/ <b>2013</b> doi:10 3991/ijoe.v6I.I206 , ISSN 1861-2121, pp.28-35 Kassel Press Printing House-EBSCO;	<b>6,666</b>
EBSCO, SCOPUS, INSPEC, ELSEVIER,	3. <u>Ursutiu,D.</u> ,Ghercioiu,M.,Oros,R.,Samoila,C.-" <b>Tag4M IN PREDICTIVE MAINTENANCE AND MACHINE CONTROL</b> " Rev.iJOE ( <a href="http://www.onlinejournals.org/index.php/i-joe">http://www.onlinejournals.org/index.php/i-joe</a> ) Vol.6,No.4/ <b>2010</b> doi:10 3991/ijoe.v6I.I206 , ISSN 1861-2121, pp.28-35 Kassel Press Printing House-EBSCO;	<b>5,000</b>
EBSCO, SCOPUS, INSPEC, ELSEVIER,	4. Samoila, C., <u>Ursutiu, D.</u> , Cotfas,P., Cotfas, D., Stefan, A. " <b>WEB DEVELOPMENT TECHNIQUES AND REMOTE LABORATORIES</b> " Revista iJOE-International Journal of Online Engineering- Vol.5-nr. 4 / <b>2009</b> , ISSN 1861-2121 baza de date EBSCO;	<b>4.000</b>
EBSCO, SCOPUS, INSPEC, ELSEVIER	5. <u>Ursutiu,D.</u> ,Samoila,C.,Cotfas,P.Ghercioiu,M. <b>FPGA LABVIEW PROGRAMMING, MONITORING AND REMOTE CONTROL</b> -Revista i-JOE-Vol.5-Nr.2-ISSN-1861-2121- <b>2009</b> -EBSCO;	<b>5,000</b>
EBSCO, SCOPUS, INSPEC, ELSEVIER,	6. <u>Ursutiu,D.</u> ,Cotfas,D.,Cotfas,P.,Samoila,C.- <b>REMOTE LABORATORY IN PHOTO-VOLTAICS</b> -Revista-i-JOE,Vol.5,Nr.3- ISSN-1861-2121- <b>2006</b> -EBSCO- <b>2009</b> ;	<b>5,000</b>
EBSCO, INSPEC, DOAJ, ULRICHS Web,	7. <u>Ursutiu,D.</u> ,Samoila,C.,Cotfas,P. Ghercioiu,M.- <b>WiFi TAGS FOR THE REMOTE AND VIRTUAL LABORATORY</b> -Revista i-JIM Vol.2,No.2-ISSN-1865-7923-EBSCO- <b>2008</b>	<b>5,000</b>
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EBSCO, SFX	12. <u>D.Ursutiu</u> , C. Samoila, A. Duta, W. Schleer, M. Nanu <b>EXPERIMENTAL CONFIRMATION OF ESTIMATE POSSIBILITIES OF NITRIDING LAYER DEPTH THROUGH ELECTRONIC NOISE MEASUREMENT</b> Publicata in Journal of the Mechanical Behavior of Materials, vol 14, Nr. 2-3/ <b>2003</b> , ISSN 0334-8938.	<b>4,000</b>
EBSCO DOAJ	13. P.Cotfas, <u>D.Ursutiu</u> , C.Samoila " <b>GRAPHICsolarAL PROGRAMMING AND EDUCATIONAL TECHNOLOGIES</b> " in European Journal of Open and Distance Learning EURODL- <b>2001</b> , ISSN-1027-5207	<b>6,666</b>

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<b>TOTAL</b>		<b>85,53</b>

## 2.2. – b – Articole în volumele unor manifestări științifice indexate BDI

**Formula: 20/nr.autori**

BDI	Titlul lucrării	Punctaj
ELSEVIER SCOPUS CAMBRIDGE ABSTRACTS	1. <b>Ursutiu,D.</b> , Samoila, C., Moga, M., Jinga,V- “ <b>NEW HARDWARE (BETA TESTING) WITH POTENTIAL TO BE USED IN MEDICAL CARE USING WIRELESS TECHNOLOGY AND VIRTUAL INSTRUMENTATION</b> ”- ICAMERA <b>2014</b> : International Conference on Smart Systems in All Fields of the Life - Aerospace, Robotics, Mechanical Engineering, Manufacturing Systems, Biomechanics, Neurorehabilitation and Human Motility, 24-27 Octombrie, Bucuresti, Romania (acceptata)	<b>2,5</b>
IEEE-Xplore INSPEC	2. Samoila,C., <b>Ursutiu,D.</b> , Cotfas,P., Cotfas,D., - “ <b>TRIZ METHOD AND REMOTE ENGINEERING APPROACH</b> ” IEEE-EDUCON-Conference-13-15 March-Berlin <b>2013</b> - ISBN <b>978 – 1 – 4673 – 6109 – 5/13/\$31.00©2013 IEEE.</b>	<b>5,00</b>
IEEE-Xplore INSPEC	3. <b>Ursutiu,D.</b> , Samoila,C., Bergmans, J - “ <b>LABSOCKET TECHNOLOGIES IN REMOTE ENGINEERING AND EDUCATION</b> ” IEEE-EDUCON-Conference-13-15 March-Berlin <b>2013</b> - ISBN <b>978 – 1 – 4673 – 6109 – 5/13/\$31.00©2013 IEEE.</b>	<b>6,66</b>
IEEE Xplore SCOPUS EBSCO	4. <b>Ursutiu,D.</b> , Samoila,C., Dabacan,M., “ <b>CROSS PLATFORM METHODS IN DIGITAL ELECTRONICS ENGINEERING EDUCATION</b> ” International Conference REV- <b>2013</b> -Sydney-6-8 Febr.; - IEEE- Cat.Nr. CFP – <b>1349T –ART, ISBN 978-1-4673-6346-4;</b>	<b>6.66</b>
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IEEE Xplore SCOPUS	44. Samoila C., <b>Ursutiu D.</b> , Cotfas P., Cotfas D.” “ <i>CREATIVITY AND REMOTE EXPERIMENT A TOOL FOR ITS SUSTAINING</i> ”-full paper- ICL- <b>2008</b> Conference 24-26 Sept. 2008 Villach –Austria,pp. 123-127, Editor M.Auer, Kassel Press-ISBN-978-89958-353-3;	5,00
IEEE Xplore SCOPUS	45. Cotfas P., Cotfas D., <b>Ursutiu D.</b> , Samoila C. “ <i>”LABVIEW AND NOVA 5000 IN REMOTE LABORATORIES</i> ”-full paper-ICL-2008 Conference 24-26 Sept. <b>2008</b> Villach –Austria,pp. 52-56, Editor M.Auer, Kassel Press-ISBN-978-89958-353-3;	5,00
IEEE Xplore SCOPUS	46. Samoila C., <b>Ursutiu D.</b> , Cotfas P. “ <i>REMOTE EXPERIMENT A NECESSITY OR A FASHION?</i> ”- full paper- IMCL-Conference 2008, 16-18 April <b>2008</b> -Amman-Jordan, pp 23-28, Editor M.Auer, Abdalah Al-Zouby, Kassel Press, ISBN- ISBN 978-3-89958-479-0	6,66
IEEE Xplore SCOPUS EBSCO	47. Samoila C., <b>Ursutiu D.</b> , Cotfas P., Cotfas D., Zamfira S. “ <i>REMOTE EXPERIMENT WILL SUSTAIN THE DEVELOPMENT OF THE CREATIVITY?</i> ”-full paper REV- <b>2008</b> 22-25 June 2008, Dusseldorf, pp 121-127, Editor M.Auer, Kassel Press, ISBN-978-3-89958-352-6;	4,00
ELSEVIER TAYLOR & FRANCIS	48. D. T. Cotfas, S. Kaplanis, P. Cotfas, <b>D. Ursutiu</b> , C. Samoila: “ <i>A NEW ALBEDOMETER BASED ON SOLAR CELLS</i> ”, World Renewable Energy Congress X, Glasgow, Scotland, 19-25 July <b>2008</b> Proceedings of the World Renewable Energy Congress – WREC X, ISBN 978-008-056-8973 ,	4,00
IEEE Xplore SCOPUS	49. Samoila C., <b>Ursutiu D.</b> , Logofatu B., “ <i>MULTI-CHANNEL LEARNING, WILL MOVE BLENDED LEARNING IN COLLABORATIVE LEARNING?</i> ”-full paper- ICBL-2007 Conference-7-8 Mai- <b>2007</b> - Florianopolis _Brazil, Editor M/Auer and J.Golberi, Kassel Press, ISBN 978-3-89958-277-2;	6,66
IEEE Xplore SCOPUS	50. Samoila C., <b>Ursutiu D.</b> “ <i>A JOINT MASTER PROGRAM IN REMOTE ENGINEERING AS A PILOT PROJECT</i> ”-full paper- ICBL- <b>2007</b> Conference-7-8 Mai-2007- Florianopolis -Brazil, Editor M/Auer and J.Golberi, Kassel Press, ISBN 978-3-89958-277-2;	10,00
IEEE Xplore SCOPUS	51. <b>Ursutiu D.</b> , Samoila C., Cotfas P., Moga M. “ <i>WIERELESS TECHNOLOGIES IN MEDICAL FIELD</i> ”- IMCL- <b>2007</b> Conference-18-20 April-Amman-Jordan, M.Auer Editor, Kassel Press, ISBN-978-3-89958-276-5;	5,00
IEEE Xplore SCOPUS EBSCO	52. <b>Ursutiu D.</b> , Cotfas P., Samoila C. “ <i>LABVIEW-DEVICE AND INSTRUMENT CONTROL</i> ”-full paper- REV- <b>2007</b> Conference-24-27 June <b>2007</b> , Porto-Portugal- Editor M.Auer. Kassel Press- ISBN-978-3-89958-278-9	6,66
IEEE Xplore SCOPUS EBSCO	53. Cotfas P., <b>Ursutiu D.</b> , Samoila C. “ <i>VIRTUAL INSTRUMENTATION IN STRAIN MEASUREMENTS</i> ”-full paper REV- <b>2007</b> Conference-24-27 June 2007, Porto-Portugal- Editor M.Auer. Kassel Press- ISBN-978-3-89958-278-9;	6,66
IEEE Xplore SCOPUS EBSCO	54. Cotfas D., Cotfas P., <b>Ursutiu D.</b> , Kaplanis S., Samoila C.” <i>VIRTUAL INSTRUMENTATION IN THE SOLAR CELL CHARACTERIZATION</i> ”- full paper-REV- <b>2007</b> Conference-24-27 June 2007, Porto-Portugal- Editor M.Auer. Kassel Press- ISBN-978-3-89958-278-9;	4,00
IEEE Xplore SCOPUS	55. Samoila C., Zamfira S., <b>Ursutiu D.</b> , Cotfas P. “ <i>DESIGN OF THE EDUCATIONAL PROCESS WITH THE GENETIC ALGORITHM. POINT OF VIEW</i> ”-full paper- ICL- <b>2006</b> Conference Villach-Austria-Editor M.Auer, Kasse Press,ISBN- 3-89958-195-4;	5,00

IEEE Xplore SCOPUS	56. Samoila C., <u>Ursutiu D.</u> “ <i>EXPERIMENT DESIGN FOR THE OPTIMIZATION OF THE E-LEARNING PROCESS</i> ”- full paper-ICL- <b>2006</b> Conference Villach-Austria-Editor M.Auer, Kasse Press, ISBN- <b>3-89958-195-4</b> ;	<b>10,00</b>
IEEE Xplore SCOPUS	57. Samoila C., <u>Ursutiu D.</u> “ <i>QUALITY IN E-LEARNING. COMPULSORY DECISION</i> ” full paper- IMCL <b>2006</b> Conference, 19-21 April-Amman-Jordan, pp167-176, Editor M.Auer, Kassel Press, ISBN <b>3-89958-177-6</b> ;	<b>10,00</b>
IEEE Xplore SCOPUS	58. Samoila C., <u>Ursutiu D.</u> , Cotfas P. “ <i>E-LEARNING FROM METHODOLOGY AT NEW MENTALITY</i> ”-full paper- IMCL <b>2006</b> Conference, 19-21 April-Amman-Jordan, pp210-207, Editor M.Auer, Kassel Press, ISBN <b>3-89958-177-6</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS EBSCO	59. Cotfas D., Cotfas P., <u>Ursutiu D.</u> , Samoila C, “ <i>THE IMPLEMENTATION OF A BIAXIAL MONITORING SYSTEM FOR THE MAXIMUM SOLAR RADIATION</i> ”- full paper, REV- <b>2006</b> Conference, 29-30 June 2006,Maribor,Slovenia, pp143-148, Editor M.Auer, Kassel Press, ISBN <b>3-89958-194-6</b> ;	<b>5,00</b>
IEEE Xplore SCOPUS EBSCO	60. Cotfas P., <u>Ursutiu D.</u> Samoila C., – “ <i>THE NI-ELVIS SYSTEM BETWEEN EDUCATION AND RESEARCH</i> ”-full paper- REV- <b>2006</b> -Conference, 29-30 June 2006 Maribor, Slovenia pp 79-84, Editor M.Auer, Kassel Press-ISBN- <b>3-89958-194-6</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS	61. Samoila C. <u>Ursutiu D.</u> Bratianu C “ <i>STRATEGIC THINKING-A TOOL OF ASSESSMENT IN E-LEARNING METHODOLOGY</i> ”-full paper, ICL Conference 28-30 Sept <b>2005</b> - Villach Austria pp 310-319, Kassel Press, Editor M.Auer, ISBN <b>3-89958-136-9</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS EBSCO	62. Samoila C. Cotfas P. <u>Ursutiu D.</u> “ <i>ENHANCING ENGINEERING EDUCATION THROUGH REMOTE EXPERIMENT</i> ”- full paper REV Conference 29-30 Iunie <b>2006</b> , Maribor Slovenia pp 63-70, Kassel Press-Editor M.Auer. ISBN <b>3-89958-194-6</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS	63. Samoila C. <u>Ursutiu D.</u> Cotfas P. “ <i>INTANGIBLE RESOURCES IN E-LEARNING STRATEGY</i> ”-full paper, ICL Conference 28-30 Sept <b>2005</b> , Villach-Austria pp2-3-210, Editura Kassel Press-Editor M.Auer ISBN <b>3-89958-136-9</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS EBSCO	64. <u>Ursutiu D.</u> , Cotfas P., Samoila C. “ <i>NI ELVIS IN REMOTE ELECTRONIC LABORATORY-REL</i> ”- 1st Symposium REV- <b>2004</b> , Remote Engineering and Virtual Instrumentation/ Carinthia Tech Institute, 25 Sept-1Oct 2004- Editura-Kassel Press, Editor M.Auer, ISBN- <b>3-89958-090-7</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS	65. Samoila C., <u>Ursutiu D.</u> , Arino A. “ <i>VIRTUAL TRAINING FOR THE REAL JOB-VIRTUAL MENTOR</i> ” International Conference ICL- <b>2004</b> “Future Learning” Carinthia Tech Institute 25 Sept-1Oct 2004 -- Editura-Kassel Press, Editor M.Auer, ISBN- <b>3-89958-089-3</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS EBSCO	66. Cotfas P., <u>Ursutiu D.</u> , Samoila C. “ <i>SELF-GROWING REMOTECONTROLLED LABORATORY</i> ” 2nd International Symposium REV- <b>2005</b> -30 Iunie- 2 Iulie-Brasov, Kassel Press, Editor M.Auer, ISBN- <b>3-89958-090-8</b> ;	<b>6,66</b>
IEEE Xplore SCOPUS	67. <u>Ursutiu D.</u> , Samoila C., <i>DISTRIBUTED REMOTE ELECTRONIC LABORATORY (REL)</i> Conference ICL-2003 Villach, Austria 24-26 Sept <b>2003</b> , Editors M.E.Auer, U.Auer-Kassel University Press, ISBN- <b>3-89958-029x</b>	<b>10,00</b>
IEEE Xplore SCOPUS	68. Samoila C, <u>Ursutiu D.</u> , (full paper) <i>VIRTUAL TUTOR IN E-LEARNING</i> Conference ICL-2003 Villach, Austria 24-26 Sept <b>2003</b> , Editors M.E.Auer, U.Auer-Kassel University Press, ISBN- <b>3-89958-029x</b>	<b>10,00</b>
IEEE Xplore SCOPUS	69. P. Cotfas, <u>D. Ursutiu</u> , C. Samoila, <i>GRAPHICAL PROGRAMMING AND EDUCATIONAL TECHNOLOGIES</i> Experience and Visions ICL- <b>2001</b>	<b>6,66</b>

	Editori M.E.Auer si U.Auer, Kassel University Press, ISBN-3-933146-67-4	
IEEE Xplore SCOPUS	70. Cotfas P., <b>Ursutiu D.</b> , Samoila C. <b>INTERACTIVE COMPUTER AIDED LEARNING-TOOLS AND APLICATIONS</b> (Using LabVIEW in Computer Aided Learning) Editori M.Auer si U. Ressler , ISBN-3-7068-0755-6 (Editata pentru International Workshop ICL'99-Villach/Austria 7-8 Oct.1999	6.66

**TOTAL 397.177**

### 2.3. Brevete de inventie ( N - nationale)

**Formula: 25/nr.autori**

Categoria	Titlul lucrarii	Punctaj
<b>N</b>	"Aparat pentru măsurarea ionilor din aer", Brevet de invenție nr.105198 din 31.08.1981, ora 9.00, Certificat de Inventator nr. 81665 – 1981, Dr. Al.Incze, A.Incze*, Dr.Al.Incze**, <b>D.Ursuțiu</b> ***, Spitalul "Intreprinderii de Camioane" Brașov, *Intreprinderea Nr.2 din Brașov, **Spitalul Județean Tg.Mureș, ***Universitatea Transilvania din Brașov, <b>Aplicată:</b> la Intreprinderea "Electrocontact" – Botoșani, Oficiul de Stat pentru Invenții și Mărci, București, 1981	<b>6,250</b>

**Total : 6,250**

### 2.4. – Granturi / Proiecte castigate prin competitie

#### 2.4.-a –Director / Responsabil

#### 2.4. – a – 1 – Internationale (Int)

**Formula: 20 x ani de desfasurare**

Tipul grantului	Titlul si beneficiarul (calitatea)	Punctaj
<b>Int</b>	1. <b>1996-COORDONATOR SI CONTRACTOR</b> al Proiectului <b>TEMPUS-CME-01220-95</b> intitulat: « CENTRE POUR LA FORMATION DES RESSOURCES HUMAINES ET L'ACTUALISATION DES CONNAISSANCES TECHNIQUES PAR DES TECHNIQUES INTERACTIVES INFORMATIQUES » (studiu de fezabilitate); <b>valoare: 50.000 EURO;</b>	<b>20</b>
<b>Int</b>	2. <b>1998-2001- COORDONATOR SI CONTRACTOR</b> al Proiectului <b>TEMPUS-S-JEP-12536-97</b> intitulat: »CENTRE DE VALORISATION ET TRANSFERT DE COMPETENCES (CVTC) » <b>valoare: 305.000 EURO;</b>	<b>60</b>
<b>Int</b>	3. <b>1999-2001-RESPONSABIL</b> -la Proiectul <b>TEMPUS-S-JEP-13535-98</b> intitulat: "REGIONAL DISTANCE CENTRE FOR INTER-DISCIPLINARY TRAINING OF CIVIL SERVANTS": <b>valoare:296.410 EURO;</b>	<b>60</b>
<b>Int</b>	4. <b>2001-2002- RESPONSABIL</b> la Proiectul <b>NATO-CN.NIG977217-</b> "IMPROVING THE NETWORKING INFRASTRUCTURE FOR INTERNET CONNECTIVITY AT THE UNIVERSITY TRANSILVANIA OF BRASOV-ROMANIA" <b>valoare: 107.000 USD;</b>	<b>40</b>
<b>Int</b>	5. <b>2002-2004 – CONTACT PERSON</b> la proiectul: <b>Socrates-Minerva</b> "VIRTUAL MENTOR-VIRTUAL TRAINING, RESOURCES AND	<b>60</b>

	METHODOLOGY” Nr. 100816-CP-1-2002-1-ES-Minerva-M, <b>valoare: 29.968,9 EURO;</b>	
<b>Int</b>	6. <b>2004-2005 – COOCRDONATOR</b> - la Proiectul “MEASUREMENT AND INSTRUMENTATION” – grant cu National Instruments- <b>valoare: 76.000 USD;</b>	<b>40</b>
<b>Int</b>	7. <b>2005-2008 – RESPONSABIL</b> la Proiectul Erasmus-MARE-29298-IC-1-2004-AT-ERASMUS-EUC-1-« JOINT EUROPEAN MASTER STUDY PROGRAM REMOTE ENGINEERING » valoare <b>23.174 EURO</b>	<b>60</b>
<b>Int</b>	8. <b>2006-2007 – participant</b> - la grantul NATO-CBP-EAP-SFP-982301-NEW FG-FUNCTIONALLY GRADED MATERIALS BASED ON Mg AND Mg ALLOYS- <b>valoare 10.000 USD</b> (finantare doar a etapei I-a)	<b>20</b>
<b>Int</b>	9. <b>Proiect TEMPUS IV-ICo-op530278 TEMPUS-1-2012-DE-TEMPUS-JPHES Industrial Cooperation and Creative Engineering Education based on Remote Engineering and Virtual Instrumentation 2013–2015, Coordonator</b>	<b>60</b>

**TOTAL 420**

#### 2.4. – a – 2 - Nationale (Nat)

**Formula: 10 x ani de desfasurare**

<b>Tipul grantului</b>	<b>Titlul si beneficiarul (calitatea)</b>	<b>Punctaj</b>
<b>Nat</b>	1. <b>Grant-CNCSIS- 2013-2015 “MULTILAYERED INORGANIC /ORGANIC TRIBOLOGICAL COATINGS FOR SPACE APPLICATIONS”</b> – GRANT la Programul de Cercetare Dezvoltare-Inovare Valoare totala <b>917.679 lei</b> , Valoarea la Universitatea Transilvania = <b>108.000 lei</b> –responsabil de tema	<b>30</b>
<b>Nat</b>	2. <b>Grant cu terti: nr. 7460/2011 - 2012-25.000 EURO- Steinel Romania; Titlul: SISTEM INTELIGENT PENTRU MANAGEMENTUL ENERGIEI OFERITE DE PANOURTILE SOLARE LA ALIMENTAREA LAMPILOR CU SENZORI DE INFRAROSU”</b> Responsabil;	<b>20</b>
<b>Nat</b>	3. <b>Grant IDEI-CNCSIS nr. 618, contract nr. 105 / 01.10.2007-partener Perioada : 2007-2010, Titlul: “CERCETARI INTERDISCIPLINARE DE STABILIRE A LIMITELEOR DE POTENTIAL ALE ENERGIEI SOLARE IN CORPURI SOLIDE PE INTERVALUL INCALZIRE-TOPIRE”, Valoare totala: 924.148 RON</b> membru in colectiv;	<b>30</b>
<b>Nat</b>	4. <b>Contract IAR-Ghimbav-nr. 12070/03.09.2010, “SISTEM DE MONITORIZARE A BAILOR GALVANICE”</b> Responsabil	<b>10</b>
<b>Nat</b>	5. <b>Contract nr.6063 / 12.05.2009, “NI-ELVIS II-EDUCATIONAL GRANT”</b> Beneficiar National Instrument USA, valoare grant: <b>23.447 EURO;</b> Responsabil	<b>10</b>
<b>Nat</b>	6. <b>Contract Nr,6062/12.05.2009 Perioada: 2009, ”CERCETARI PRIVIND CAUZELE FIABILITATII SCAZUTE LA REZISTORII DE KANTAL”</b> -Beneficiar EL-CO-Tg. Secuiesc Valoare totala: <b>5950 lei</b> - Responsabil	<b>10</b>
<b>Nat</b>	<b>Grant Parteneriate- Nr. 161/01.10.2008-2010; patener; X-MEM” - CERCETARI PRIVIND REALIZAREA UNEI NOI CLASE DE ALIAJE (AL-CU-MN) SI REALIZAREA UNUI STANDARD DE OBOSEALA TERMOMECHANICA DESTINAT ALIAJELOR CU MEMORIA FORMEI;</b> Valoare totala: <b>1.500.000 RON</b> ; membru in colectiv;	<b>30</b>

Nat	7. <i>Grant Parteneriate –Nr. 163/01.10.2008-2010 (2011); partener;</i> “CYCLAL”- TEHNOLOGII DE PRECIPITARE DISPERSĂ ÎN STARE SOLIDĂ, LA NIVEL NANOMETRIC, FOLOSIND CÂMPURI TERMICE CU CICLURI STAȚIONARE ȘI TRANZITORII ALTERNANTE; Valoare totala: <b>1.525.000 RON</b> , membru in colectiv;	30
Nat	8. <i>Grant IDEI-CNCSIS nr. 618, contract nr. 105 / 01.10.2007-2009; partener ;</i> Perioada : <b>2007-2010</b> “CERCETARI INTERDISCIPLINARE DE STABILIRE A LIMITELOR DE POTENTIAL ALE ENERGIEI SOLARE IN CORPURI SOLIDE PE INTERVALUL INCALZIRE-TOPIRE” ; membru in colectiv;	30
Nat	9. <i>Grant INOVARE –AMCSIT nr. 130/2007-2009;</i> ”INSTALATIE SI TEHNOLOGIE DE USCARE IN VID SI POLIMERIZARE HIDROSTATICA SUB COMPUND A IZOLATIEI BARELOR STATOR PENTRU TURBOGENERATOARE”INTEPOL”- Valoare totala: <b>3.940.000 RON</b> - membru in colectiv;	30
Nat	10. <i>Grant CEEEX-253/2007 -2009; (modul 3)-;</i> Perioada: <b>2007-2009</b> , “PROMOVAREA CERCETARII DIN ROMANIA IN DOMENIUL TIC IN SCOPUL RACORDARII LA INITIATIVA UE-i2010 SI INTEGRARII IN REțeleLE EUROPENE SI INTERNATIONALE DE CERCETARE (RO-i2010); - <b>Responsabil</b>	30
Nat	11. <i>Grant CEEEX-</i> (Cercetare Exploratorie de Excelenta) MATNANTECH-nr. <b>101/2006-2008 ; director de proiect; Perioada: <b>2006-2008 ;</b> “CERCETARI AVANSATE DE CORELATIE A TEHNOLOGIILOR NANOMETRICE CU INGINERIA SUPRAFETELOR SI CREAREA UNEI NOI GENERATII DE INSTALATII MULTIFUNCTIONALE THIN-FILMS” Valoare totala: <b>1.161.000 RON</b></b>	30
Nat	12. <i>Grant CEEEX-</i> (Cercetare Exploratorie de Excelenta) RELANSIN-nr. <b>152/2006-2008 director de proiect; Perioada : <b>2006-2008</b> “TEHNOLOGII AVANSATE UTILIZAND SENZORI DE PROCES PENTRU OBTINEREA DE STRATURI REZISTENTE LA UZURA, COROZIUNE SI OBOSEALA”Valoare totala :<b>1.360.000 RON ;</b></b>	30
Nat	13. <i>Grant tip A –faza I-a 2002-2005- 70.000.000. lei,</i> “ ANALIZA TRIBOLOGICA A FILMELOR DE LUBRIFIANTI DE DIMENSIUNE MOLECULARA PRIN MASURAREA ZGOMOTELOR ELECTRONICE LA INREGISTRARILE MAGNETICE PE HDD-uri “membru in colectiv;	30
Nat	14. <i>Programul National MATNANTECH-Subprogramul S9, categoria CP-D- 220.000.000 lei pentru anul 2002-2005;</i> Titlul : <i>MASURATORI DE ZGOMOT ELECTRONIC IN NANOMATERIALE .O NOUA METODA DE INVESTIGARE (Acronim: MAZELTOV)- Responsabi;</i>	30
Nat	15. <i>Grant Tip B - Baza de Cercetare cu Utilizatori Multipli –BCUM,</i> Perioada : <b>1999-2002;</b> Titlul: <i>CENTRU DE FABRICARE SI CERCETARE C.I.M.-Rapid Prototyping;</i> Valoare: <b>64.000 USD</b> pentru filiala Brasov si <b>cca.500.000 USD</b> pentru CENTRUL NATIONAL DE RAPID PROTOTYPING din care face parte filiala (mai exista o filiala la Timisoara); membru in colectiv;	30
Nat	16. <i>Grant de Cercetare Majora Tip C- cu Banca Mondiala,</i> Perioada: <b>1998-2001;</b> Titlul: <i>APLICATII ALE FIZICII FLUCTUATIILOR SI ZGOMOTELOR IN STIINTA MATERIALELOR;</i> Valoare: <b>80.000 USD;</b> S-a infiintat un nou laborator de cercetare « Laboratorul de Zgomote si Fluctuatii » Director de Grant	30



Nat	17. <b>Contract tip A faza I-a 2001 – 2004, 45.000.000 lei, Responsabil “CERCETARI PRIVIND APLICATIILE TEHNICILOR NEDISTRUCTIVE BAZATE PE ZGOMOTE ELECTRONICE SI OPTOLELECTRONICE LA APRECIEREA FIABILITATII COMPONENTELOR ELECTRONICE;</b> Beneficiar: Ministerul Educatiei si Cercetarii;Valoarea totala: 320.000.000 lei;	30
Nat	18. <b>Contract Nr.4/445(Grant tip A-CNCSU)1998-2000 , “SENZORI DE ZGOMOTE (DE JOASA FRECVENTA, BARKHAUSEN) PENTRU CONTROLUL NEDESTRUCTIV AL SUPRAFETELOR DECARBURATE;</b> Beneficiar: Ministerul Educatiei Nationale;Valoare totala: 100.000.000.lei;MEMBRU IN COLECTIVUL DE RESPONSABILII AI TEMEI ;	30

**TOTAL 500**

**2.4.-b –Membru in echipă**

**2.4. – b – 1 – Internationale (Int)**

**Formula: 4 x ani de desfasurare**

Tipul grantului	Titlul si beneficiarul (calitatea)	Punctaj
Int.	1. <b>2007-2008 –MEMBRU al grantului –TARET-29298-IC-1-AT-ERASMUS- IPUC-1-Minerva-grant transversal generat de grantul MARE-Villach-Austria;6.000 EURO</b>	8
Int.	2. <b>2008-2009 –MEMBRU-al grantului –TARET-29298-IC-1-AT-ERASMUS- IPUC-1/2-Minerva-grant transversal generat de grantul MARE-Ilmenau-Germania-7.000 EURO;</b>	8
Int.	3. <b>2003-2007 Proiect Institutional-Socrates-cu Universidade Nova de Lisboa-Portugalia;</b>	4
Int.	4. <b>2004 –2008–Proiect Institutional Socrates- cu Carinthia Tech Institute-Villach Austria</b>	4
Int.	5. <b>2004-2008 –Proiect Institutional Socrates- cu Universidade Technica de Valencia-Spania ;</b>	4
Int.	6. <b>2006-2009 – Proiect Institutional Socrates -cu Sakaria University –Turcia ;</b>	4
Int.	7. <b>2008-2011 – Proiect Institutional Socrates cu University of Applied Sciences-Dusseldorf-Germania;</b>	4
Int.	8. <b>2008-2011 – MEMBRU - Proiect FP7- “W2PLASTICS-Magnetng sorting and ultrasound sensor technologies for production of high purity secondary polyolefines from waste” ENV-2007-3.1.3 – 02 nr. 212782;</b>	12
Int.	9. <b>2008 -2009 – Olanda-ECO-CHEMIE- Guvernamental – MEMBRU-Stand alone high-frequency impedance analyser-STAC 28040069/10.sept.2007;</b>	8
Int.	10. <b>2012 – MEMBRU- “Scientific grant for creativity laboratory and LabVIEW Academy” nr. 19686/08.12.2012;</b>	4
Int.	11. <b>Contract nr. 5792 / 07.05.2009, “EMONA-Educational grant DATEX and FOTEX”-Beneficiar EMONA-Australia, Valoare grant: 5198 EURO;</b>	4
Int.	12. <b>Contract Nr. SIAC28040069-2007-2009, “COOPERATION IN HIGH FRECVENCY IMPEDANCE ANALYSER-Valoare 27.345 EURO, Beneficiar-ECO-CHEMIE-Olanda;</b>	12
Int.	13. <b>Contract nr. TX 78735/ 28 March 2006;,” RESEARCH</b>	4

	DEVELOPMENT AND APPLICATIONS USING THE NEW FREESCALE SEMICONDUCTOR TECHNOLOGY, Valoare: 7.415 USD, Beneficiar: FREESCALE-USA; Membru	
<b>Int.</b>	14. <b>Contract nr.STNV 25120469-Perioada 2005-2006</b> ;, DEVELOPMENT OF LABVIEW AND APPLICATIONS TO CONTROL ELECTROCHEMICAL EQUIPMENTS, Valoare 4830 EURO, Beneficiar :ECO-CHEMIE-Olanda; Membru	<b>8</b>

**TOTAL 88**

**2.4. – b – 2 – Nationale (Nat)**

**Formula: 2 x ani de desfasurare**

Tipul grantului	Titlul si beneficiarul (calitatea)	Punctaj
<b><u>Nat</u></b>	1. <b>Grant cu terti-nr.9014/21.06.2012</b> Titlul: SISTEM WIRELESS DE MANAGEMENT AL ENERGIEI ELECTRICE GAZULUI METAN SI A AERULUI COMPRIMAT” – valoare 50.000 RON- Coordonator;	<b>2</b>
<b><u>Nat</u></b>	2. <b>Grant cu terti: nr.17565/2011-Honywell-Romania</b> “ STAND PENTRU MASURARI CRIOGENICE 8K- 1948 lei; Coordonator;	<b>2</b>
<b><u>Nat</u></b>	3. <b>Grant terti: Nr. 143/2007 ROMTELECOM</b> ,Titlul: “PREGATIRE AVANSATA IN CISCO-NETWORKING” Membru	<b>2</b>
<b><u>Nat</u></b>	4. <b>Contract Romtelecom Nr. 137/2007</b> , “PREGATIRE AVANSATA IN SOFTURL LABVIEW-Beneficiar ROMTELECOM” Coordonator;	<b>2</b>
<b><u>Nat</u></b>	5. <b>Contract nr.7282/18.06.2007</b> , “COMPLETAREA SISTEMULUI DE CANTARIRE SI MONITORIZARE A DISTRIBUTIEI DE MASA CU DOUA MODULE SCC-SG 03 HALF BRIDGE, Valoare : 1386,5 USD, beneficiar IAR-Ghimbav ; Coordonator;	<b>2</b>
<b><u>Nat</u></b>	6. <b>Contract nr.143/01.03.2007</b> , « CISCO-NETWORKING-PREGATIRE AVANSATA, Valoare 1560 EURO, Beneficiar Romtelecom –Brasov ; Coordonator;	<b>2</b>
<b><u>Nat</u></b>	7. <b>Contract nr.6372/06.06.2006</b> , “SISTEM DE CANTARIRE SI MONITORIZARE A DISTRIBUTIEI DE MASA FOLOSIND SENZORII HBM, Valoare: 7248 USD, Beneficiar IAR-Ghimbav; Coordonator;	<b>2</b>
<b><u>Nat</u></b>	8. <b>Contract nr. 589/ 17, Nov.2005</b> , « MASURATORI DE ZGOMOT ELECTRONIC PE NANOSTRUCTURI CARBONICE IN VID INALT Valoare : 8.044 USD, Beneficiar Honeywell-Romania ; Coordonator;	<b>2</b>
<b><u>Nat</u></b>	9. <b>Contract nr.8410 / 15.10.2003-6038 EURO</b> ,”SISTEM DE REGLARE AUTOMATA A TEMPERATURII PENTRU UN BANC DE REPARATIE Beneficiar S.C. IAR-Ghimbav; Coordonator;	<b>2</b>

**TOTAL 18**

**A<sub>3</sub> – RECUNOASTEREA SI IMPACTUL ACTIVITATII**

**Formula: 5/nr.aut la FI<0,5; 10/nr.aut la 0,5<FI<1; 15/nr.aut la 1<FI<2: 20/nr.aut la FI>2**

**3.1. – Citari in reviste ISI si BDI**

**3.1 –a - Citari in reviste ISI**

Lucrarea citata	Articolele care o citeaza	Punctaj
<b><u>Low-frequency noise used as a lifetime test of LEDs</u></b>		

1	Degradation analysis of Alq(3)-based OLED from noise fluctuations with different driving modes revista:CHEMICAL PHYSICS LETTERS Volume: 623 Pages: 68-71 DOI: 10.1016/j.cplett.2015.01.0147 Published: MAR 2 2015 issnciteaza:00092614 AnAparitie:2015 nrAutori:2	5
2	Reliability investigation of light-emitting diodes via low frequency noise characteristics revista:MICROELECTRONICS RELIABILITY Volume: 55 Issue: 1 Pages: 52-61 DOI: 10.1016/j.microrel.2014.09.027 Published: JAN 2015 issnciteaza:00262714 AnAparitie:2015 nrAutori:2	5
3	Growth of highly textured SnS on mica using an SnSe buffer layer revista:THIN SOLID FILMS Volume: 564 Pages: 206-212 DOI: 10.1016/j.tsf.2014.06.010 Published: AUG 1 2014 issnciteaza:00406090 AnAparitie:2014 nrAutori:2	5
4	Low-frequency noise as a diagnostic tool for OLED reliability revista:2013 22ND INTERNATIONAL CONFERENCE ON NOISE AND FLUCTUATIONS (ICNF) Published: 2013 issnciteaza:ISBN: 97 AnAparitie:2013 nrAutori:2	5
5	APPLYING 1/f NOISE FOR DRIFT ESTIMATION revista:FLUCTUATION AND NOISE LETTERS Volume: 10 Issue: 2 Pages: 181-188 DOI: 10.1142/S021947751100051X Published: JUN 2011 issnciteaza:02194775 AnAparitie:2011 nrAutori:2	5
6	Light-Emitting Diode Degradation and Low-Frequency Noise Characteristics revista:ACTA PHYSICA POLONICA A Volume: 119 Issue: 4 Pages: 514-520 Published: APR 2011 issnciteaza:05874246 AnAparitie:2011 nrAutori:2	5
7	Optical and Electrical Noise Characteristics of Side Emitting LEDs revista:ACTA PHYSICA POLONICA A Volume: 119 Issue: 2 Pages: 244-246 Published: FEB 2011 issnciteaza:05874246 AnAparitie:2011 nrAutori:2	5
8	Light-emitting diode quality investigation via low-frequency noise characteristics revista:SOLID-STATE ELECTRONICS issnciteaza:00381101 AnAparitie:2010 nrAutori:2	5
9	Physical mechanisms for hot-electron degradation in GaN light-emitting diodes revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2010 nrAutori:2	5
10	Effect of indium content on performance and reliability of InGaN/GaN light-emitting diodes revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2009 nrAutori:2	5
11	Advanced materials for light emitting diodes: noise characterisation revista:PHYSICA STATUS SOLIDI C - CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 6, NO 12 issnciteaza:16101634 AnAparitie:2009 nrAutori:2	5
12	Low frequency noise analysis on organic thin film transistors revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2008 nrAutori:2	5
13	Noise Characteristics of Optocouplers on Neutron Radiation revista:CHINESE PHYSICS LETTERS issnciteaza:0256307X AnAparitie:2008 nrAutori:2	5
14	Impact of self-assembled monolayer on low frequency noise of organic thin film transistors revista:APPLIED PHYSICS LETTERS issnciteaza:00036951 AnAparitie:2008 nrAutori:2	5
15	Noise characteristics and reliability of high power white light emitting diodes based on nitrides revista:Proceedings of SPIE-The International Society for Optical Engineering issnciteaza:0277786X AnAparitie:2008 nrAutori:2	5
16	Low frequency optical noise from organic light emitting diode revista:SOLID-STATE ELECTRONICS issnciteaza:00381101 AnAparitie:2008 nrAutori:2	5
17	Noise characterization of light-emitting devices based on conjugated copolymers of fluorene and thiophene moieties revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2007 nrAutori:2	5
18	Low-frequency noise used as a lifetime test of LEDs issncitat:02681242 titlu:Noise FLUCTUATION AND NOISE LETTERS issnciteaza:02194775 AnAparitie:2007 nrAutori:2	5
19	Noise characteristics and, reliability of light emitting diodes based on nitrides revista:NOISE AND FLUCTUATIONS IN CIRCUITS, DEVICES, AND MATERIALS issnciteaza:0277786X AnAparitie:2007 nrAutori:2	5
20	Wavelength-resolved low-frequency noise of GaInN/GaN green light emitting diodes	5

	revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2006 nrAutori:2	
21	Current and optical noise of GaN/AlGaIn light emitting diodes revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2006 nrAutori:2	5
22	Low-frequency noise measurement and analysis in organic light-emitting diodes revista:IEEE ELECTRON DEVICE LETTERS issnciteaza:07413106 AnAparitie:2006 nrAutori:2	5
23	Noise as a representation for reliability of light emitting diode revista:ACTA PHYSICA SINICA issnciteaza:10003290 AnAparitie:2006 nrAutori:2	5
24	Effects of power aging on 1/f noise characteristics for GaAlAs/IR LED revista:JOURNAL OF INFRARED AND MILLIMETER WAVES issnciteaza:10019014 AnAparitie:2006 nrAutori:2	5
25	Low frequency noise of light emitting diodes revista:NOISE IN DEVICES AND CIRCUITS III issnciteaza:0277786X AnAparitie:2005 nrAutori:2	5
26	Low frequency noise and long-term stability of noncoherent light sources revista:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 AnAparitie:2004 nrAutori:2	5
27	Noise of optoelectronic coupled devices revista:NOISE IN DEVICES AND CIRCUITS II issnciteaza:0277786X AnAparitie:2004 nrAutori:2	5
28	Electrical noise as a reliability indicator in electronic devices and components revista:IEE PROCEEDINGS-CIRCUITS DEVICES AND SYSTEMS issnciteaza:13502409 AnAparitie:2002 nrAutori:2	5
29	Electrical instability of thin films driven by Joule heating revista:COMPUTATIONAL MATERIALS SCIENCE issnciteaza:09270256 AnAparitie:2001 nrAutori:2	5
30	A noise temperature analysis of the electrical degradation of thin nanostructured films revista:JOURNAL OF NANOPARTICLE RESEARCH issnciteaza:13880764 AnAparitie:2000 nrAutori:2	5
31	Noise measurement of optoelectronic coupled devices for reliability screening: Is there an optimal threshold? revista:UNSOLVED PROBLEMS OF NOISE AND FLUCTUATIONS issnciteaza:0094243X AnAparitie:1999 nrAutori:2	5
32	Analog circuit fault diagnosis based on noise measurement revista:MICROELECTRONICS RELIABILITY issnciteaza:00262714 AnAparitie:1999 nrAutori:2	5
33	Noise measurement used for reliability screening of optoelectronic coupled devices (OCDs) revista:DESIGN, CHARACTERIZATION, AND PACKAGING FOR MEMS AND MICROELECTRONICS issnciteaza:0277786X AnAparitie:1999 nrAutori:2	5
34	Low-frequency noise in n-GaN revista:SEMICONDUCTORS issnciteaza:10637826 AnAparitie:1998 nrAutori:2	5
35	Degradation analysis of Alq(3)-based OLED from noise fluctuations with different driving modes revista:CHEMICAL PHYSICS LETTERS Volume: 623 Pages: 68-71 DOI: 10.1016/j.cplett.2015.01.0147 Published: MAR 2 2015 issnciteaza:00092614 AnAparitie:2015 nrAutori:2	5
<b>Self growing remote controlled laboratory</b>		
1	"Multifunctional remote laboratory for education in automatic control" Leva,A., Donida,F., - in IEEE Transaction on Industrial Engineering (I.F.=6.5) 07/2008 DOI 10.1109/TIE.2008.992590.	<b>FI&gt;2</b> <b>10</b>
<b>Using remote labs.in education:two little ducs in remote experimentation</b>		
1	"Informationa learning recognition through a cloud ecosystem" Michaelidis, I.M. Elefteriou, P.C., in Future Generation Computer System (I.F.=2,64) 03/2014 pp 282-294, DOI: 10.1016/j.future.2013.08.004	<b>FI&gt;2</b> <b>10</b>
<b>Distributed virtual and remote labs. In engineering</b>		
1	"Using engineering remote laboratories to enhance student learning. A distributes learning experience" Penalvo,F.G., Jhonson, M., Alves, G.R., Minovici, M., Gonzales, M.C.. in International Journal of Engineering Education (I.F.0,984) 25 (3) pp 577 – 584	<b>FI&lt;1</b> <b>2</b>
2	Online competitions: an open space to improve the learning process" Fernandez, J.J. Marin, R., Wirz, R., in IEEE Transaction on Industrial Electronics (I.F. 6,5) 01/2008 DOI: 10.1109/TIE.2007. 907013	<b>FI&gt;2</b> <b>6,66</b>

3	Integrating mixed reality remote experiment into virtual learning environments using interchangeable components” Schaf, F.M., Pereira, C.E., in IEEE Transactions on Industrial Electronics (I.F. 6,5) DOI: 10.1109/TIE.2009.2068369	<b>FI&gt;2</b> <b>10</b>
<b>Total</b>		<b>213,66</b>

### 3.1 –b – Citari in reviste BDI

**Formula: 3/ nr.aut.**

Lucrarea citata	Articolele care o citeaza	Punctaj
<b>FPGA LabVIEW Programming, Monitoring and Remote Control</b>		
Ursutiu,D.,Samoila,C.,Cotfas,P.Ghercioiu,M.		
1	<a href="#">State-of-the-art remote laboratories for industrial electronics applications</a> <b>M Tawfik, E Sancristobal, S Martin... - ... Applied to Electronics ...</b> , 2012 <a href="#">ieeexplore.ieee.org</a>	<b>0,75</b>
2	<a href="#">On the design of remote laboratories</a> , <b>M Tawfik, E Sancristobal, S Martin, R Gil... - Global Engineering ...</b> , 2012 - <a href="#">ieeexplore.ieee.org</a>	<b>0,75</b>
<b>Total</b>		<b>1,5</b>
<b>Distributed virtual and remote labs in engineering</b>		
Ursutiu D. Samoila C.Auer,M.,		
1	<a href="#">The VISIR project—an open source software initiative for distributed online laboratories</a> , <b>I Gustavsson, J Zackrisson... - Proceedings of the ...</b> , 2007 <a href="#">digitalamedier.bth.se</a>	<b>1</b>
2	<a href="#">Online competitions: An open space to improve the learning process</a> , <b>J Fernández, R Marín, R Wirz – Industrial Electronics, IEEE ...</b> , 2007 – <a href="#">ieeexplore.ieee.org</a>	<b>1</b>
3	<a href="#">Remote operation and control of traditional laboratory equipment</a> , <b>I Gustavsson, J Zackrisson, H Åkesson... - International Journal of ...</b> , 2006 – <a href="#">bth.se</a>	<b>1</b>
4	<a href="#">Information security labs in IDS/IPS for distance education</a> , <b>HA Lahoud PhD ABD, X Tang PhD - ... of the 7<sup>th</sup> conference on Information ...</b> , 2006 – <a href="#">dl.acm.org</a>	<b>1</b>
5	<a href="#">A remote electronics laboratory for physical experiments using virtual breadboards</a> , <b>I Gustavsson, T Olsson, H Åkesson... - Proceedings of the ...</b> , 2005 – <a href="#">download.ni.com</a>	<b>1</b>
6	<a href="#">FPGA remote laboratory for hardware e-learning courses</a> , <b>WM El Medany - ...</b> , 2008. <b>SIBIRCON 2008. IEEE Region 8 ...</b> , 2008 – <a href="#">ieeexplore.ieee.org</a>	<b>1</b>
7	<a href="#">Integrating mixed-reality remote experiments into virtual learning environments using interchangeable components</a> , <b>FM Schaf, CE Pereira – Industrial Electronics, IEEE ...</b> , 2009 – <a href="#">ieeexplore.ieee.org</a>	<b>1</b>
8	<a href="#">Institutional factors governing the deployment of remote experiments: Lessons from the REXNET project</a> , <b>N Hine, GR Alves, HH Erbe, D Müller... - ... (REV'07), Porto, ...</b> , 2007 – <a href="#">arteclab.uni-bremen.de</a>	<b>1</b>
9	<a href="#">Automation and control learning environment with mixed reality remote experiments architecture</a> , <b>FM Schaf, CE Pereira – International Journal of Online ...</b> , 2007 – <a href="#">ensino.ece.ufrgs.br</a>	<b>1</b>
10	<a href="#">Collaborative learning environment using distributed mixed reality experiment for teaching mechatronics</a> <b>FM Schaf, CE Pereira, AC Assis... - Proceedings of the ...</b> , 2007 – <a href="#">ensino.ece.ufrgs.br</a>	<b>1</b>
11	<a href="#">Anytime, everywhere-Approaches to distance labs in embedded systems education</a> , <b>M Proske, C Trodhandl – Information and Communication ...</b> , 2006 – <a href="#">ieeexplore.ieee.org</a>	<b>1</b>
12	<a href="#">Enhanced facilitation of biotechnology education in developing nations via virtual labs: analysis, implementation and case-studies</a> , <b>S Diwakar, K</b>	<b>1</b>

13	<a href="#">Achuthan, P Nedungadi, B Nair – International Journal of ...</a> , 2011 – <a href="#">ijcte.org</a> <a href="#">Effectiveness of adaptive learning with interactive animations and simulations</a> , P Nedungadi, R Raman – <a href="#">Advanced Computer Theory and ...</a> , 2010 – <a href="#">ieeexplore.ieee.org</a>	1
14	<a href="#">A Novel Approach for Laboratory Activities in E-Learning Courses</a> , D Bonatti, G Pasini, L Peretto, E Pivello... - ... , 2007. <a href="#">IMTC 2007. ...</a> , 2007 – <a href="#">ieeexplore.ieee.org</a>	1
15	<a href="#">Biotechnology virtual labs-Integrating wet-lab techniques and theoretical learning for enhanced learning at universities</a> , S Diwakar, K Achuthan... - <a href="#">Data Storage and Data ...</a> , 2010 – <a href="#">ieeexplore.ieee.org</a>	1
16	<a href="#">Collaborative Environment Architecture Proposal: A study of virtual environments for learning purposes in control engineering</a> , FM Schaf, CE Pereira, D Müller – <a href="#">Proceedings of the ...</a> , 2010 – <a href="#">arteclab.uni-bremen.de</a>	1
17	<a href="#">Computer Supported Collaborative Social Environment for Education, Training and Work</a> , FM Schaf, D Müller, CE Pereira... - <a href="#">Remote Engineering and ...</a> , 2008 – <a href="#">pdf.aminer.org</a>	1
18	<a href="#">Control and Automation Engineering Education: combining physical, remote and virtual labs</a> , CE Pereira, S Paladini, FM Schaf – <a href="#">Systems, Signals and ...</a> , 2012 – <a href="#">ieeexplore.ieee.org</a>	1
19	<a href="#">Blended Learning using GCAR-EAD Environment: Experiences and Application Results</a> , FM Schaf, CE Pereira, RVB Henriques – <a href="#">Proceedings of the 17<sup>th</sup> IFAC ...</a> , 2008 – <a href="#">coral.ufsm.br</a>	1
20	<a href="#">A Proposal to integrate Mixed Reality Remote Experiments into Virtual Learning Environments using Interchangeable Components</a> , FM Schaf, CE Pereira – <a href="#">Advances on remote laboratories and e- ...</a> , 2008 – <a href="#">books.google.com</a>	1
21	<a href="#">eLearning for Engineering</a> , M Helander, MR Emami - ... <a href="#">M5H: Technology for Teaching, Puerto Rico ...</a> , 2006 – <a href="#">icee.usm.edu</a>	1
22	<a href="#">Open Source Portal for Online Laboratories</a> , ME Auer, A Pester, DG Zutin – <a href="#">Proceedings of the 4<sup>th</sup> International ...</a> , 2007 – <a href="#">researchgate.net</a>	1
23	<a href="#">PID controller tuning remote experiment with learning environment integration</a> , FM Schaf, CE Pereira – <a href="#">Information Control Problems in ...</a> , 2006 – <a href="#">ensino.ece.ufrgs.br</a>	1
24	<a href="#">Integration of LabVIEW into Stroubles Creek Watershed Assessment</a> , J Kenny, P Delgoshaei, F Gronwald, V Lohani... - <a href="#">2008 NSF REU ...</a> , 2008 – <a href="#">eng.vt.edu</a>	1
25	<a href="#">Remotely Triggered Semiconductor Devices Characterization Laboratory in Cloud Environment</a> A Maiti – 2012 – <a href="#">ieeexplore.ieee.org</a>	1
26	<a href="#">EDESIGN</a> , MR Emami, M Helander – <a href="#">Proceedings of the Canadian ...</a> , 2011 – <a href="#">library.queensu.ca</a>	1
27	<a href="#">Virtual learning environment with flexible mixed reality remote experiments architecture</a> , FM Schaf, CE Pereira - ... of the <a href="#">IFAC International Workshops on ...</a> , 2007 – <a href="#">ensino.ece.ufrgs.br</a>	1
28	<a href="#">Mixed reality experiment for distributed learning environment in pneumatics systems</a> , FM Schaf, CE Pereira – <a href="#">Preprints of the 12<sup>th</sup> IFAC Symposium ...</a> , 2006 – <a href="#">ensino.ece.ufrgs.br</a>	1
29	<a href="#">Different Platforms for Remote Laboratories in Mobile Devices</a> , A Maiti, B Tripathy – <a href="#">International Journal of Modern Education and ...</a> , 2012 – <a href="#">mecs-press.org</a>	1
30	<a href="#">Ambiente de Realidade Mista 3D Colaborativo: MRCS-CARLAB3D</a> , FM Schaf, CE Pereira – <a href="#">ensino. Ece. Ufrgs. Br/fredms/public/papers/ ...</a> - <a href="#">ufsm.br</a>	1
31	<a href="#">WEB-BASED VIRTUAL LABORATORY FOR GENETIC ALGORITHMS</a> , A TUNCER, M YILDIRIM – <a href="#">alaeddin.cc.selcuk.edu.tr</a> <a href="#">Future Directions of Multimedia Technologies in E-Learning</a> , TK Shih, Q Li,	1

	JC Hung – Future Directions in Distance Learning ..., 2007 – <a href="http://books.google.com">books.google.com</a>	
32	<a href="#">Designing learning material for engineering course using practice and application oriented approach</a> A Nur bt Hanafi, A Ismail bin Man - ... Education (ICEED), 2009 ..., 2009 – <a href="http://ieeexplore.ieee.org">ieeexplore.ieee.org</a>	1
33	<a href="#">Scalable multiuser remote laboratories provide on-demand hands-on laboratory experience</a> , CM Markan, P Gupta, G Kumar... - Technology and Society ..., 2012 – <a href="http://ieeexplore.ieee.org">ieeexplore.ieee.org</a>	1
34	<a href="#">A general Framework and Booking System for Online Laboratories based on Open Source Technologies</a> EA Michael, G Ian – Innovations in E-learning, Instruction Technology, ..., 2007 – Springer	1
35	<a href="#">THE IMPACT OF REMOTE LABORATORIES IN IMPROVING BLENDED LEARNING IN THE SCIENCE AND TECHNOLOGY ARENA</a> , S Mackay, D Fisher – Science Mathematics and ..., 2008 – <a href="http://researchspace.auckland.ac.nz">researchspace.auckland.ac.nz</a>	1
36	<a href="#">On the effectiveness of learning through the use of the web-based Laboratories—the experience of using the solar e-lab</a> , I Michaelides, P Eleftheriou – 2010 – <a href="http://ktisis.cut.ac.cy">ktisis.cut.ac.cy</a>	1
37	<a href="#">Engineering Educational Cockpit: visualization by integration of heterogeneous environments.</a> , LR Tibola, FM Schaf, CE Pereira – <a href="http://ieeexplore.ieee.org">ieeexplore.ieee.org</a>	1
38	<a href="#">The GCAR-EAD: Learning Environment with Remote Experiments support</a> , FM Schaf, CE Pereira – <a href="http://ensino.ece.ufrgs.br">ensino.ece.ufrgs.br</a>	1
39	<a href="#">Biotechnology Virtual Labs: Facilitating Laboratory Access Anytime-Anywhere for Classroom Education</a> S Diwakar, K Achuthan, P Nedungadi, B Nair – <a href="http://cdn.intechopen.com">cdn.intechopen.com</a>	
40	<a href="#">The Effectiveness of Using Virtual Laboratories to Teach Computer Networking Skills in Zambia</a> , E Lampi – 2013 – <a href="http://vtechworks.lib.vt.edu">vtechworks.lib.vt.edu</a>	1
41	<a href="#">The Impact of Blended Learning in Improving the Reaction, Achievement and Return on Investment of Industrial Automation Training</a> , SG Mackay – 2008 – <a href="http://espace.library.curtin.edu.au">espace.library.curtin.edu.au</a>	1
42	<a href="#">Laboratorio remoto para la enseñanza de la programación de un robot industrial</a> , C Ariza, D Amaya – Revista Ingenierías USBMed, 2011 – <a href="http://dialnet.unirioja.es">dialnet.unirioja.es</a>	1
43	<a href="#">Um ambiente de aprendizagem em automação baseado em sistemas nebulosos</a> , JM Junior – <a href="http://pel.uerj.br">pel.uerj.br</a>	1
44	<a href="#">ВІРТУАЛЬНА МУЛЬТИМЕДІЙНА ЛАБОРАТОРІЯ: ОСОБЛИВОСТІ ОРГАНІЗАЦІЇ ТА ОБРОБКИ ДАНИХ</a> ЄС Сулема, ЄЕ Кахоу, ЄЄ Лавренчук – <a href="http://archive.nbuv.gov.ua">archive.nbuv.gov.ua</a>	1
<b>Total</b>		<b>44</b>
<b>Tag4M in Predictive Maintenance and Machine Control</b>		
<b>Ursutiu,D.,Ghercioiu,M.,Oros,R.,Samoila,C.–“</b>		
1	<a href="#">Applications Developed with the Microcontroller Student Learning Kit for the Teleengineering Field</a> B Deaky - 2012 - <a href="http://books.google.com">books.google.com</a>	0,75
<b>Total</b>		<b>0,75</b>
<b>Advances on remote laboratories and e-learning experiences</b>		
<b>Samoila,C., Ursutiu,D., Cofas,P., Cofas,D.,L Gomes, JG Zubía - 2008 - books.google.com (17 autori)</b>		
1	<a href="#">Current trends in remote laboratories</a> , L Gomes, S Bogosyan - Industrial Electronics, IEEE ..., 2009 - <a href="http://ieeexplore.ieee.org">ieeexplore.ieee.org</a>	0,18
2	<a href="#">Remote experimentation of “No-load tests on a transformer” in electrical engineering</a> , PR Pradyumna, CKS Tarun... - ... : Innovative Practices and ...,	0,18

	<a href="#">2012 - ieeexplore.ieee.org</a>	
3	<a href="#">Addressing software impact in the design of remote laboratories</a> , J Garcia-Zubia, P Orduna... - Industrial Electronics ..., 2009 - ieeexplore.ieee.org	0,18
4	<a href="#">Ncslab: A web-based global-scale control laboratory with rich interactive features</a> , Y Qiao, GP Liu, G Zheng, W Hu - Industrial Electronics, IEEE ..., 2010 - ieeexplore.ieee.org	0,18
5	<a href="#">Remote automation laboratory using a cluster of virtual machines</a> , AG Vicente, IB Munoz, JLL Galilea... - ... IEEE Transactions on, 2010 - ieeexplore.ieee.org	0,18
6	<a href="#">Current trends in industrial electronics education</a> JJ Rodriguez-Andina, L Gomes... - ... , IEEE Transactions on, 2010 - ieeexplore.ieee.org	0,18
7	<a href="#">Acceptance, Usability and Usefulness of WebLab-Deusto from the Students Point of View</a> , J Garcia-Zubia, U Hernandez, I Angulo... - ... and Usefulness of ..., 2009 - weblab.deusto.es	0,18
8	<a href="#">Collaborative model for remote experimentation laboratories used by non-hierarchical distributed groups of engineering students</a> , O Herrera, DA Fuller - Australasian Journal of Educational ..., 2011 - ascilite.org.au	0,18
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1	Activitate didactică/profesională (A <sub>1</sub> )	Min 40	<b>500,00</b>
2	Activitate de cercetare (A <sub>2</sub> )	Min 300	<b>1669,44</b>
3	Recunoașterea impactului activității (A <sub>3</sub> )	Min 60	<b>298,11</b>
<b>TOTAL</b>		<b>400 p</b>	<b>2467,55 p</b>

Brasov, Decembrie 2015

Prof.Dr. DORU URSUTIU