

Lista detaliată cu punctajele pentru criteriile A1, A2 și A3 conform OM. Nr. 6129/2016

Centralizator			
	Domeniul de activitate	Condiții Profesor / Abilitare	Punctaj obținut
1	Activitatea didactica / profesionala (A1)	Minim 130 puncte	178.45
2	Activitatea de cercetare (A2)	Minim 300 puncte	3093.27
3	Recunoașterea impactului activității (A3)	Minimum 100 puncte	207.34

A1. Activitatea didactică și profesională

1.1 Cărți / manuale / monografii / capitole în cărți de specialitate

1.1.1 Cărți / manuale / monografii / capitole în cărți de specialitate ca autor

Profesor – minimum 2 prim autor

1.1.1.1 Internaționale

Nr.	Titlu	Punctaj
1.	Wojciech Plowucha (ed.) et al. – Didactics of Coordinate Metrology , Editura Wydawnictwo naukowe Akademii Techniczno-Humanistycznej W Bielsku-Bialej, ISBN 978-83-63713-30-0 - Bielsko Biala 2012, - capitolul Virtual Laboratory, autori: Călin Neamțu , Mihai Dragomir, Daniela Popescu, Rareș Ghinea pg. 45-55	0.5

1.1.1.2 Naționale (Ed. Recunoscute CNCISIS)

Nr.	Titlu	Punctaj
2.	Neamțu Călin , Dragomir Mihai, Steopan Mihai, Proiectare asistată II , ISBN 978-973-662-269-4, Editura UT PRESS, Cluj-Napoca, 2006, (277 pg.)	9.23
3.	Neamțu Călin , Popescu Daniela, Popișter Florin, Module CAD/CAM în Catia V5 , ISBN 978-606-543-361-8 Editura Mega, Cluj-Napoca, 2013, (410 pg.)	13.67
4.	Neamțu Călin , Dragomir Mihai, Popescu Daniela, Popescu Sorin, Răcăsan Radu Uncertainty of conventional measurements / Incertitudinea de măsurare în metrologia clasică , , ISBN 978-973-662-783-5, Editura UT PRESS, Cluj-Napoca, 2012 (172 pg)	3.44
5.	Gelu A. Florea (coordonator), Matrița de Bronz de la Sarmizegetusa Regia , editura Mega, ISBN 978-606-543-604-6, 2015, - capitolul : Digitizarea matriței de bronz , pag. 131-136)	0.25
6.	Constantin Marutoiu et.all (Ed.), Biserici de lemn din Transilvania: Cluj si Sălaj, Editura Mega, ISBN 978-606-543-857-6, 2017, 207 pg.	0.5

1.1.2 Cărți ca editor

1.1.2.2 Cărți ca editor in edituri naționale

Nr.	Titlu	Punctaj
7.	Neamtu Calin , Florea Gelu, Gheorghiu Gabriela, Bodo Cristina (Ed.) Incursiuni Dacice in Spațiul Virtual , ISBN 978-606-94125-4-1, Editura Only One, 2016 (249 pg.)	3.11

1.2 Alte materiale didactice inclusiv in format electronic

1.2.1 Suporturi de curs / îndrumare (minim 4 din care 2 ca prim autor)

Nr.	Titlu	Punctaj
8.	Neamțu Călin , Daniela Popescu, SolidWorks 2012 : Îndrumător de laborator , ISBN 978-606-543-356-4, Editura Mega, Cluj-Napoca, 2013. (188 pg.)	3.76
9.	Popescu Daniela, Popișter Florin, Neamțu Călin , AutoCAD 2013 Îndrumător de laborator , ISBN 978-606-543-357-1, Editura Mega, Cluj-Napoca, 2013 (172 pg.)	2.29
10.	Neamțu Călin , Daniela Popescu, Bodi Stefan, Comes Radu, Curta Razvan, SolidWorks 2016 : Îndrumător de laborator , ISBN 978-606-543-906-1, Editura Mega, Cluj-Napoca, 2017. (250 pg)	2.5
11.	Neamțu Călin , Daniela Popescu, Curta Razvan, Comes Radu, Bodi Stefan, SolidWorks 2016 – Student's Guide , ISBN 978-606-543-907-8, Editura Mega, Cluj-Napoca, 2017. (250 pg)	2.5
12.	Neamțu Călin , Daniela Popescu, MUVoT - Curs privind incertitudinea de măsurare in format "blended learning" pentru instruire vocațională avansată - https://e-uczelnia.ath.bielsko.pl/course/search.php?search=muvot (250 pg)	10
13.	Popescu Daniela, Neamțu Călin , et.al. - Statistical Analysis of Measurement Data for the Evaluation of Measurement Uncertainty – curs în format e-learning dezvoltat în cadrul proiectului 142922-LLP-1-2008-1-PL-ERASMUS-ECDEM, disponibil on-line la adresa sam-emu.ath.eu, (coautor capitol 4, 68pg.)	1.70
14.	Neamtu Calin: Delmia V5 Robotics (support de curs in format electronic) – muri.utcluj.ro/cad¹ (80 pg)	4
15.	Neamtu Calin: Workcell Builder (support de curs in format electronic)- muri.utcluj.ro/cad (60 pg)	3
16.	Neamtu Calin Spot Robotics (support de curs in format electronic) - muri.utcluj.ro/cad (60 pg)	3

1.3 Coordonarea de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale

Nr.	Titlu	Punctaj
1	Responsabil masterat: Proiectarea asistată de calculator a sistemelor de fabricație : PACSF	15

1.4 Dezvoltarea de noi discipline

Nr.	Titlu	Punctaj
1	Simularea sistemelor de fabricație	10
2	Software avansat pentru proiectare I	10
3	Software avansat pentru proiectare II	10
4	Reverse engineering	10
5	Robotizarea fabricației asistată de calculator	10
6	CAM (Computer Aided Manufacturing)	10

¹ La acesta adresa este găzduit sistemul de e-learning prin care aceste cursuri sunt distribuite către studenți

1.5 Proiecte educaționale

17.	Leonardo da Vinci – Transfer of Innovation, 2011-1-PL1-LEO05-19870 Titlul proiectului : Blended learning course on Measurement Uncertainty for advanced vocational training Funcție : Responsabil de proiect din partea UTCN, Valoare : 28 120 EUR, perioada de implementare : 2 ani	20
18.	Școala de Vară de Medii Virtuale din România – “Virtual Heritage Edition” (creative), organizata de Universitatea OVIDIUS din Constanța (5 ediții)	20

A2. Activitatea de cercetare

2.1 Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings (de la ultima promovare minim 8 (**poziția 1-20**) din care 3 în reviste (**pozițiile 1-11**), minimum 3 ca autor principal, (**pozițiile 11,13,14**) minim 1 in Q2 sau Q1 (**pozițiile 1 si 21**))

Nr.	Titlu	Punctaj
1	Dragomir Mihai, Popescu Sorin, Neamțu Călin , Dragomir Diana, Bodi Ștefan, Seeing the immaterial: A new instrument for evaluating integrated management systems' maturity , Sustainability, Vol. 9, Iss. 9, 2017, pp. 1643-1656, DOI: 10.3390/su9091643. [ISI FI 1,789]	9.58
2	C. Măruțoiu, I. Bratu, L. Troșan, Neamțu Călin , V. C. Măruțoiu, D. Pop, C. Tănăselia, S. Garabagiu, Scientific Investigation of the Imperial Gates Belonging to the Wooden Church from Săcel, Turda County, Romania , Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 152 (2016), 311-317 [ISI FI 2,536]	6.92
3	Marutoiu C., Nica L., Bratu I., Marutoiu O.F., Moldovan Z., Neamtu C. , Gardan G., Rauca A., Sandu, I.C.A., The Scientific Investigation of the Imperial Gates Belonging to Sanmihaiul Almasului Wooden Church (1816) . Chemistry Magazine, 2016, Vol. 67, Iss. 9, p.1739-1744 [ISI FI 1,232]	4.70
4	Neamțu C. , Popescu, S., Paul, B., Comes, R., Innovative mechanical structure for hospital bed folding using a single actuator . Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2016, Vol. 59, Iss. 4, ISSN 1221 – 5872	7.50
5	Neamțu C. , Comes R., Bolba R., Ghinea R., Improving The Design Of Plastic Anchors For Polystyrene . Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2015, Vol 58, Issue 4, ISSN 1221 – 5872	7.50
6	Neamțu C. , Bodi Ș., Ghinea R., Papp A., Failure Mode And Effect Analysis For Mold Design , Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2015, Volume 58, Issue 4, ISSN: 1221 – 5872	7.50
7	Comes R., Neamțu C. , Design A Low-Cost Eyewear Display Adapted To Additive Manufacturing , Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2015, Volume 58, Issue 4, ISSN 1221 – 5872	15.00
8	Solcan S., Neamtu C., Ghinea R., Bodi S., Using Triz Method For Support Innovation In Developing Plastic Parts , Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2015, Volume 58, Issue 4, ISSN 1221 – 5872	7.50

Nr.	Titlu	Punctaj
9	Constantin Marutoiu, Ioan Bratu, Ana Maria Budu, Gheorghe Santa, Olivia Florena Marutoiu, Calin Neamtu , Claudiu Tanaselia, Irina Kacso, Irina Crina Anca Sandu, Evaluation of Conservation State by Analysis of Imperial Gates' Constituent Materials Belonging to A Aschileu Mic Wooden Church, Cluj County , Chemistry Magazine, Vol. 66, Iss. 7, July 2015, 992-996 [ISI FI 0,956]	7.91
10	Radu Comes, Calin Neamtu , Zsolt Buna, Ionut Badiu, Paul Pupeza, Methodology to Create 3d Models for Augmented Reality Applications Using Scanned Point Clouds , Mediterranean Archaeology & Archaeometry, 14 (2014), 35-44, ISSN 1108-9628 [ISI FI 0,340]	6.68
11	Calin Neamtu , Daniela Popescu, Razvan Mateescu, Liliana Suciu, Dan Hurgoiu, About Quality and Properties of Digital Artifacts , Mediterranean Archaeology & Archaeometry, 14 (2014), 55-64, ISSN 1108-9628 [ISI FI 0,340]	6.68
12	Vasile Tompa, Dan Hurgoiu, Daniela Popescu, Călin Neamțu , Image acquisition platform for dacian KOSON coins , 2016 International Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, 25-30 July, Cluj-Napoca, ISBN 978-606-737-180-2, pp. 514-517 [ISI Proceedings]	6.25
13	Calin Neamtu , Camelia Achelaritei, Dragomir Mihai, Tompa Vasile, Popa Anton, Develop an immersive virtual reality enviroment for training system operators for critical infrastructure , 2016 International Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, 25-30 July, Cluj-Napoca, ISBN 978-606-737-180-2, pp. 380-383 [ISI Proceedings]	5.00
14	Neamțu Calin , Achelaritei Camelia, Anghel Ion, Bodi Ștefan, Designing A Hardware Platform For Training Operators Of Critical Infrastructures , Proceedings of 3rd International Engineering and Technology Education Conference & 7th Balkan Region Conference on Engineering and Business Education, IETEC'15 & BRCEBE'15, 1-4 November Sibiu, Romania, ISSN: 1843-6730, ISBN: 978-0-646-94781-5 [ISI Proceedings]	6.25
15	Daniela Popescu, Florin Popister, Sorin Popescu, Calin Neamtu , Mircia Gurzau. Direct Toolpath Generation Based on Graph Theory for Milling Roughing , The 8th International Conference on Digital Enterprise Technology (DET2014), March 25-28, 2014, Stuttgart, Germany, Procedia CIRP, Volume 25, Pages,75-80, ISBN: 978-3-8396-0697-1 DOI:10.1016/j.procir.2014.10.013 [ISI Proceedings]	5.00
16	Paul Bere, Calin Neamtu , Methodology for evaluate the form deviations for formula one nose car . Central European Journal of Engineering, ISSN: 18961541, Volume 4, Issue 2, June 2014, Pages 148-154, DOI:10.2478/s13531-013-0158-x	12.50
17	Ghinea R.A., Popescu D., Neamtu C., Hurgoiu D., Popister F., Using Delmia V5 for Human Activity Improvement in an Assembly Line Production , Innovative Manufacturing Engineering Conference (IManE), 29-30 May 2014, Chisinau, Moldova, Book Series: Applied Mechanics and Materials, ISBN 978-3-03835-275-4, ISSN: 1660-9336, DOI: 10.4028/www.scientific.net/AMM.657.353 [ISI Proceedings]	5.00
18	Neamtu Călin , Bere Paul, Methods for Checking the Symmetry of the Formula One Car Nose , Innovative Manufacturing Engineering Conference, IManE 2014; Chisinau; Moldova; 29 – 30 May, Applied Mechanics and Materials, Volume 657, 2014, Pages 785-789, ISSN:	12.50

Nr.	Titlu	Punctaj
	16609336, ISBN: 978-303835275-4, DOI:10.4028/www.scientific.net/AMM.657.785 [ISI Proceedings]	
19	R.A. Ghinea, P. Bere, Neamțu Călin, Improving the design of a wind turbine blade, 2014 Design And Manufacturing Methodology For F1 Nose Car, International Conference On Production Research - Regional Conference Africa, Europe And The Middle East And 3rd International Conference On Quality And Innovation In Engineering And Management, July 1-5, 2014, Cluj-Napoca, Romania, pp. 21-26, ISBN: 978-973-662-978-5 [ISI Proceedings]	8.33
20	P. Bere, C. Neamțu, Design and manufacturing methodology for F1 nose car , International Conference On Production Research - Regional Conference Africa, Europe And The Middle East And 3rd International Conference On Quality And Innovation In Engineering And Management, July 1-5, 2014, Cluj-Napoca, Romania, pp. 21-26, ISBN: 978-973-662-978-5 [ISI Proceedings]	12.50
21	Neamțu, C. , Dan Hurgoiu, Sorin Popescu, Mihai Dragomir, Herbert Osanna, Training in coordinate measurement using 3D virtual instruments , Measurement, Volume 45, Issue 10, December 2012, Pages 2346-2358, ISSN 0263-2241, 10.1016/j.measurement.2011.09.026. [ISI FI 1,130] (http://www.sciencedirect.com/science/article/pii/S0263224111003216)	8.26
22	Neamțu Călin , Popescu Daniela, Mateescu Răzvan, Hurgoiu Dan, Pupeză Paul, Reconstruction of ceramic vessels from the family of chiup , 1st International Conference on Quality and Innovation în Engineering and Management, 2011, Cluj-Napoca, România ISBN 978-973-662-614-2 (lucrare selecționată și republicată în extenso în jurnal indexat COPERNICUS ACTA TECHNICA NAPOCENSIS, Vol. 54, Issue II Series: Applied Mathematics And Mechanics, ISSN 1221 – 5872 pag 391 – 396 - Copernicus) [ISI Proceedings]	5.00
23	Adriana Oros, Danilea Popescu, Calin Neamtu - Using Quality Management Instruments for Improving Project Management , Twenty Years After - How Management Theory Works, Todesco Publishing House, ISBN 978-973-7695-99-4, pg. 157-165, [ISI Proceedings]	8.33
24	Daniela, Popescu Călin Neamțu , Radu Răcășan - Course on Measurement Uncertainty Developed in an International Consortium - Proceedings of the 5 Balkan Region Conference on Engineering and Business Education & 2nd International Conference on Engineering and Business Education, Sibiu, Romania, 15-17 October, 2009 Vol. II, pg. 359-362, ISBN 978-973-739-848-2, ISSN 1843-6730 [ISI Proceedings]	8.33
25	Radu Munteanu, Daniela Popescu, Călin Neamțu - Modern Methods of Technological Education using Virtual Enviroment - Proceedings of The 6th International Conference, Management of Technological Changes, 3-5 September 2009, Alexandroupolis, Greece, pg. 303-306, ISBN (Vol. II) 978-960-89832-8-1 [ISI Proceedings]	8.33
26	Popescu Daniela, Călin Neamțu , Mihai Dragomir - Developing a learning management system using modern tools - Proceedings of The 5th International Seminar on Quality Management in Higher Education, 12-14 Iunie, 2008, Tulcea, România, pg. 265-270, ISBN 978-973-730-496-4 [ISI Proceedings]	8.33
27	Popescu Daniela, Sorin Popescu, Călin Neamțu , Mihai Dragomir - Model for developing design of the electronic courses - IEEE International Conference Automation, Quality and Testing, Robotics 2008, pg. 483-488, ISBN 978-1-4244-2576-1 [ISI Proceedings și IEEE Xplore]	6.25

2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (de la ultima promovare minim 8, minimum 2 ca autor principal)

Nr.	Titlu	Punctaj
1	Simona Andreea Sandu, Călin Dan Neamțu , Sorin Dan Grigorescu, Ionel Bujorel Păvăloiu, Sistemul de simulare virtuala pentru protectie dentara. Partea I , Romanian Journal of Stomatology, Vol. 63, Iss. 2, 2017, pp. 67-72 [EBSCO]	3.75
2	Paul Bere, Calin Neamtu , Cristian Dudescu, Design and manufacturing front hood for electric vehicle by carbon fibber , MATEC Web of Conferences, Vol. 112, p. 07021, 2017, DOI: 10.1051/mateconf/201711207021 [SCOPUS]	5.00
3	Neamtu C. , Bere C., Dobocan C., Ghinea R., Solcan S., "Mold Design For Polystyrene Plastic Anchor" , Applied Mechanics And Materials, Vol. 808, pp. 143-148, Nov. 2015 ISBN 978-3-03835-653-0 [EBSCO]	3.00
4	Arnold E., Neamtu C. , Ciupan C., Pop A., Designing A Hybryd Equipment For Additive Manufacturing , Applied Mechanics And Materials, Vol. 808, pp. 213-218, Nov. 2015, ISBN 978-3-03835-653-0 [EBSCO]	3.00
5	V. Tompa, D. Hurgoiu, and C. Neamțu , Low-Cost Platform for Remote Health Monitoring and Home Environment Analysis , <i>International Conference on Advancements of Medicine and Health Care through Technology</i> ; 5th – 7th June 2014, Cluj-Napoca, Romania, pp. 93-96. , 2014 ISBN 978-3-319-07652-2, DOI 10.1007/978-3-319-07653-9_19, Springer International Publishing [SpringerLink]	5.00
6	C. Neamțu , F. Popișter, R. Ghinea, and V. Tompa, 'A Method to Determine the Nominal Diameter for Hip Joint with No “Pre-Wear” Data' , <i>International Conference on Advancements of Medicine and Health Care through Technology</i> ; 5th – 7th June 2014, Cluj-Napoca, Romania, pp. 145-150. 2014, ISBN 978-3-319-07652-2, DOI 10.1007/978-3-319-07653-9_29, Springer International Publishing [SpringerLink]	3.75
7	Buhățel D, Buna Z, Campian R.S., Ilea A, Moga M, Țărmure V; Neamțu C , Using Laser Scanning to Measure the Difference between Classical Individual Custom Trays and 3D Ideal Individual Custom Trays in the Totally Edentulous , <i>International Conference on Advancements of Medicine and Health Care through Technology</i> ; 5th–7th June 2014, Cluj-Napoca, Romania, pp. 155-158, 2014, ISBN 978-3-319-07652-2, DOI 10.1007/978-3-319-07653-9_31, Springer International Publishing [SpringerLink]	2.14
8	Hurgoiu, Dan, Tompa, Vasile, Neamtu, Calin , Popescu, Daniela, Image processing based on the cross-correlation model . Acta Technica Napocensis-Series: Applied Mathematics, Mechanics, And Engineering, Vol. 57, Issue I, March, 2014, ISSN 1221-5872 [Copernicus]	3.75
9	Popescu, D., Popișter, F., Curta, R., Neamțu, C. , Eles.A, Redesign of “safety ring” workpiece from protection assembly of an office chair . Acta Technica Napocensis-Series: Applied Mathematics, Mechanics, And Engineering, Vol. 57, Issue IV, November, 2014, ISSN 1221-5872 [Copernicus]	3.00
10	Ghinea Rares Adrian, Popescu Daniela, Neamtu Calin , Hurgoiu Dan, Popister Florin, Using Delmia V5 for Human Activity Improvement in an Assembly Line Production , Innovative Manufacturing Engineering Conference, IManE 2014; Chisinau; Moldova; 29 – 30 May, Applied Mechanics and Materials, Volume 657, 2014, Pages 353-358, ISSN:16609336, ISBN: 978-303835275-4, DOI: 10.4028/www.scientific.net/AMM.657.353 [PROQuest]	3.00

Nr.	Titlu	Punctaj
11	Călin Neamțu, Ionuț Badiu, Paul Pupeză, Rareș Ghinea, - Using CATIA V5 for developing a parametric database for pottery , Proceedings of The 2nd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, 22nd – 24th of November, Supplement of the „Quality-Access to Success” Journal, Vol. 13, S5, November 2012, ISSN 1582 – 2559, pg. 509-512 [SCOPUS]	3.75
12	Călin Neamțu, Zsolt Buna, Răzvan Mateescu, Florin Popișter, Ximena Morar CAD software in 3D reconstructions of ancient world , Proceedings of The 2nd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, 22nd – 24th of November, Supplement of the „Quality-Access to Success” Journal, Vol. 13, S5, November 2012, ISSN 1582 – 2559, pg. 513-518 [SCOPUS]	3.00
13	Crișan, L., Pop, G.-M., Neamțu, C. The influence of process temperature on geometrical deviations at the drilling of carbon fiber reinforced composites Proceedings of The 2nd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, 22nd – 24th of November, Supplement of the Quality - Access to Success, 13 (SUPPL.5), pp. 109-112. ISSN 1582 – 2559 http://www.scopus.com/inward/record.url?eid=2-s2.0-84870668656&partnerID=40&md5=e09e5b37a10ebed1b6dc1970f67a7beb [SCOPUS]	5.00
14	Hurgoiu, D., Tompa, V., Neamțu, C. , Popescu, D. Low-cost GPS navigation for NXT-based robots Proceedings of The 2nd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, 22nd – 24th of November, Supplement of the Quality - Access to Success, 13 (SUPPL.5), pp. 371-374. ISSN 1582 – 2559 [SCOPUS]	3.75
15	Nallamothe, R.K., Rafiroiu, D., Neamtu, C. , Diaz, V., Narracott, A., Lawford, P., Hose, R., Computational fluid dynamic analysis of the regurgitant flow in a bileaflet mechanical heart valve , (2012) ECCOMAS 2012 - European Congress on Computational Methods in Applied Sciences and Engineering, pp. 7982-7989. http://www.scopus.com/inward/record.url?eid=2-s2.0-84871637053&partnerID=40&md5=d689cce00e426351951fd61d961de3b6 [SCOPUS]	2.14
16	Calin Neamtu, Radu Comes, Razvan Mateescu, Rares Ghinea, Filip Daniel, Using virtual reality to teach history , Proceedings of the 7th International Conference on Virtual Learning, 2-3 Noiembrie, Brasov, Romania pg. 303-310, ISSN 1844-8933, Editura Universitatii din Bucuresti, 2012. [G Scholar]	3.00
17	Yan Li, Guanglei Wang, Calin Neamtu , Dan Rafiroiu, Giuseppe D'Avenio, Mauro Grigioni, Experimental and CFD analysis study of mechanical heart valve leakage jets , Proceedings of ESB2012 - 18th Congress of the European Society of Biomechanics, Lisbon, Portugal, 1–4 July 2012, Journal of Biomechanics , Volume 45, Supplement 1, July 2012, Page S128, ISSN 0021-9290, 10.1016/S0021-9290(12)70129-X. http://www.sciencedirect.com/science/article/pii/S002192901270129X [ScienceDirect]	2.50
18	Rajeev Nallamothe, Dan Rafiroiu, Calin Neamtu , Vanessa Diaz, Andrew Narracott, Patricia Lawford, Rod Hose, CFD analysis of the regurgitant flow in a bileaflet mechanical heart valve , Proceedings of ESB2012 - 18th Congress of the European Society of Biomechanics, Lisbon, Portugal, 1–4 July 2012, Journal of Biomechanics , Volume 45, Supplement 1, July 2012, Page S130, ISSN 0021-9290, 10.1016/S0021-9290(12)70131-8.	2.14

Nr.	Titlu	Punctaj
	(http://www.sciencedirect.com/science/article/pii/S0021929012701318) [ScienceDirect]	
19	Tompa, V., Hurgoiu, D., Neamtu, C. , Popescu, D. - Remote control and monitoring of an autonomous mobile robot , AQTR- IEEE International Conference on Automation Quality and Testing Robotics, 2012, 24-27 May, Cluj-Napoca, pg. 438-442, ISBN: 978-1-4673-0701-7, INSPEC Accession Number: 12853564, Digital Object Identifier : 10.1109/AQTR.2012.6237750 [IEE Explore]	3.75
20	Neamtu Calin , Tompa Vasile, Dragomir Mihai, Hurgoiu Dan, Online temperature monitoring in the 3D measurements laboratory, Calitatea – Acces la Succes, Vol. 14, No. 133 – aprilie 2013, ISSN 1582 – 2559 [SCOPUS]	3.75
21	Călin Neamțu , Sorin Popescu, Daniela Popescu, Răzvan Mateescu, Using reverse engineering în archaeology: ceramic pottery reconstruction , Journal of Automation, Mobile Robotics & Intelligent Systems , ISSN 1897-8649 (Print), eISSN 2080-2145 (Online), volume 6, ISSUE 02/2012, pg.55-59 [GScholar]	3.75
22	Radu Răcășan, Daniela Popescu, Călin Neamțu , Mihai Dragomir - Integrating the concept of reverse engineering in medical applications - IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, România, 28-30 May, 2010, pg. 352-356, ISBN 978-1-4244-6722-8 [IEE Explore]	3.75
23	Daniela Popescu, Mihai Dragomir, Călin Neamțu, Applying modern concepts of systems' science in the study of integrated management systems , Proceedings QIEI International Conference (Quality-Innovation-European Integration), 18-20 Septembrie, 2008, Sibiu, România, ISBN Vienna University of Technology 3-901888-41-3 (CD) și Revista Calitatea – Acces la succes, Special issue, Year 9, No. 93, October 2008, Volume 2, pp. 259-262, ISSN 1582-2559 [EBSCO]	5.00
24	Daniela Popescu, Mihai Dragomir, Călin Neamțu - Applying modern concepts of systems' science in the study of integrated management systems , QIEI International Conference (Quality-Innovation-European Integration), 18-20 Septembrie, 2008, Sibiu, România, Proceedings electronic pe CD, ISBN 3-901888-41-3, Vienna University of Technology, Department for Interchangeable Manufacturing and Industrial Metrology și Revista Calitatea - acces la Success, No. 93, Anul 9 [Octombrie 2008], pg. 259-262, ISSN 1582-2559 [EBSCO]	5.00
25	Călin Neamțu , Dan Hurgoiu, Mihai Dragomir, Herbert Osanna - Using Delmia V5 in coordinate metrology training - International conference Advances in coordinate metrology, Bielsko-Biala, Polonia, pg. 339-348, ISBN 978-83-62292-56-1 [SCOPUS]	3.75
26	Călin Neamțu , Liviu Crișan, Daniela Popescu, Numan Durakbasa - Modern instrument for teaching coordinate metrology - International conference Advances in coordinate metrology, Bielsko-Biala, Polonia, pg. 349-358, ISBN 978-83-62292-56-1 [SCOPUS]	3.75
27	Călin Neamțu , Daniela Popescu, Răzvan Mateescu, From classical to 3D în archeology , Annales d'Universite 'Valahia' Targoviste, Section d'Archeologie et d'Histoire, ISSN 15841855, Valahia University Press, Arts and Humanities http://www.annalesfsu.ro/sitero/index.htm [SCOPUS]	5.00

2.3 Articole în reviste / Proceedings naționale / internaționale neindexate

Nr.	Titlu	Punctaj
1	Neamtu Calin, Comes Radu, Bodi Stefan, Augmented learning a new method for teaching GPS standards , XIIth International Scientific Conference Coordinate Measuring Technique Bielsko-Biala, 18th – 20th of April, 2016	1.00
2	Călin Neamțu, Răzvan Mateescu, 3D Scanning of an Exceptional Ancient Artefact. The Bronze Matrix from Sarmizegestusa Regia – Grădiștea de Munte (Hunedoara County, Romania) , Computer Applications & Quantitative Methods in Archaeology CAA-UK, United Kingdom, Leicester, March 5- 6, 2016	1.00
3	R. Comes, Neamțu Călin , C. Marutoiu, I. Bratu, O.F. Nemes "Restaurarea digitala a Usilor Imparatești" Simpozion - Patru decenii de functionare a Sistemului Romanesc de Conservare si Restaurare a Patrimoniului Cultural National, 21-22 mai 2015, Cluj-Napoca	0.80
4	Neamțu CĂLIN, Camelia ACHELARIȚEI, Rares GHINEA, Marius STAN, Design a Hardware and Software Solution for Training Operators form Critical Infrastructure , Proceedings of The 4th Virtual International Conference on Advanced Research in Scientific Areas (ARSA-2015) Slovakia, November 9 - 13, 2015	1.00
5	Sandu, Simona Andreea, Călin Dan Neamțu , Sorin Dan Grigorescu, Cosmin Karl Bănică, Iuliana Babiuc, Adriana Bisoc, and Andrei Constantinovici. "Introducerea Platformei De E-Learning În Protetica Dentară. Partea I." Romanian Journal of Stomatology 61, no. 2 (2015)	0.86
6	Marutoiu C.,Moraru R.,Toader D., Bratu I.,Neamtu C. Usi imparatetsi la bisericile de lemn din judetul Cluj, Sesiunea Stiintifica : "Unitate, Continuitate si Independenta in Istoria Poporului Roman. 96 de ani de la marea unire (1918-2014)" Alba-Iulia , 20-21 Noiembrie , 2014	1.00
7	Wojciech Płowucha, Andreas Groschl, Paul Bills, Calin Neamtu , Michael Marxer, Enrico Savio, MUVOT – Blended Learning Course On Measurement Uncertainty , XIth International Scientific Conference Coordinate Measuring Technique, Bielsko-Biala, 2nd-4th April	1.00
8	Calin Neamtu, Rares Ghinea, Dan Hurgoiu, Vasile Tompa, Razvan Curta Compute The Unworn Surface In Case Of Femoral Head With No "Pre-Wear" Data XIth International Scientific Conference Coordinate Measuring Technique, Bielsko-Biala, 2nd-4th April, 2014	1.00
9	Daniela Popescu, Radu Comes, Calin Neamtu , Florin Popister, Using Augmented Reality In Metrology For Technical Drawings And CAD DataManagement XIth International Scientific Conference Coordinate Measuring Technique, Bielsko-Biala, 2nd-4th April, 2014	1.00
10	Daniela Popescu, Stefan Bodi, Calin Neamtu , Nicusor Ursa, Low-cost 3D Laser Scanner Used For Measurement , XIth International Scientific Conference Coordinate Measuring Technique, Bielsko-Biala, 2nd-4th April, 2014	1.00
11	Calin Neamtu, Dan Hurgoiu, Vasile Tompa, Cristian Gazdac, Image processing in numismatics:the case of gold Kosons , Present And Future In Forensic Expertise And Protection Of The National Heritage, 9th and the 11th of May 2012, in Alba Iulia, Romania	1.00
12	Călin NEAMȚU , Mihai DRAGOMIR , Daniela POPESCU , Rareș GHINEA Teaching Coordinate Measurements Using Simulations and Virtual Reality , 10th ISC Coordinate Measuring Technique, 23rd - 25th of April 2012 Bielsko-Biala, Polonia	1.00

Nr.	Titlu	Punctaj
13	Călin Neamțu, Mihai Șteopan, Nicușor Ursa, Engineering Tools in Digital Archeology, International Conference: The Antiquity A Perspective From Different Angles 22nd-23rd March 2012, Petronell-Carnuntum, Austria, ISBN 978-606-543-233-8, Mega Publishing House	1.33
14	Florin Popișter, Daniela Popescu, Călin Neamțu , Mihai Șteopan, Contribution Related to the Design, Programming and Implementation of 4- and 5-Axis CNC Machine-Tools Postprocessors. International Conference on Automation, Quality and Testing, Robotics, 2012. ISBN: 978-973-662-730-9.	1.00
15	Călin Neamțu, Sorin Popescu, Daniela Popescu, Răzvan Mateescu, Using reverse engineering în archaeology: ceramic pottery reconstruction , V International Technical and Scientific Conference "Metrology în Production Engineering" , 2011, Varsovia, Polonia , pg 234.	1.00
16	Călin Neamțu, Dragomir Mihai, Razvan Mateescu, Paul Pupeza - Dacians in the virtual era , International Colloquium from Targu-Mures : Iron Age Rites and Rituals in the Carpathian Basin – lucrare comunicata 7–9 October 2011	1.00
17	Cristian Codre, Călin Neamțu , Mihai Dragomir, Dan Hurgoiu - Virtual Reality - A tool for Integrating „Design for Inspection” in Product Development - IEEE International Conference on Automation Quality and Testing, Robotics, Cluj-Napoca, România, 28-30 May 2010, pg. 188-192, ISBN 978-973-662-562-6 [Google Scholar]	1.00
18	Radu Racasan, Timea Gyorke, Rares Ghinea, Florin Popister, - Calin Neamtu Process simulation using Delmia , International Conference on Mechanical Engineering ICOME 2010, Universitaria Publishing House, ISBN 978-606-510-878-3, vol. II, pg. 925-934	1.00
19	Călin NEAMȚU, Crișan Alina, Hurgoiu Dan, Ispas Virgil - Using virtual reality for creating (e)learning environments - The 10th International Scientific Conference for PhD Students, Zilina - Turcianske Teplice, Slovak Republic, pg. 309-314, ISBN 978-80-554-0008-2	1.00
20	Călin NEAMȚU, Sorin POPESCU, Radu RĂCĂȘAN, Alina CRIȘAN - Using virtual reality methods for implementing the concept of “Design for inspection” - Proceedings of the 4 International Conference „Metrology in Production Engineering”, pg. 309-312, ISBN 978-83-89333-30-8	1.00
21	Mircea Galis, Anton Popa, Calin Neamtu - Improving the Education by Advanced Learning Technologies - International Conference: Further Education in the Balkan Countries, 23-25 October, 2008, Konya, Turcia, pg. 287-294, ISBN: 978-975-8890-69-9, vol. I	1.33
22	Alina Crișan, Mihai Dragomir, Sorin Popescu, Călin Neamțu , A study about the particularities of training specialists in the field of integrated management systems , ACTA TECHNICA NAPOCENSIS, No. 51, vol. IV [2008], pg. 167-172, ISSN 1221-5872 revistă clasificată B	1.00
23	Calin Neamtu, Mircea Galis, Mihai Dragomir - Simulating the measurement process on coordinate measuring machine - A 3-a Conferinta internationala de INGINERIE INTEGRATA C2I 2008, - Special issue, Academic Journal of Manufacturing Engineering vol. 6, issue 3/2008, pg.117-124, ISSN 1583-7904 revistă clasificată B	1.33
24	Galis Mircea, Laurence Legg, Anton Popa, Calin Neamtu , - Digital product development for the entire product life cycle - A 3-a Conferinta internationala de INGINERIE INTEGRATA C2I 2008, - Special issue, Academic Journal of Manufacturing Engineering vol. 6, issue 3/2008, pg.35-60, ISSN 1583-7904 revistă clasificată B	1.00
25	Calin Neamtu, Mircea Galis, Dan Hurgoiu, Anton Popa - Using Virtual Reality for Creating (e) Learning Enviroments - International Conference:	1.00

Nr.	Titlu	Punctaj
	Further Education in the Balkan Countries, 23-25 October, 2008, Konya, Turcia, pg. 181-189, ISBN 978-975-8890-69-9, vol. I	
26	Popescu Daniela, Calin Neamtu , Popescu Sorin - Algorithm for developing a Learning Management System - IEEE International Conference Automation, Quality and Testing, Robotics 2008, pg. 263-268, ISBN 978-973-713-248-2	1.00
27	Popescu Daniela, Neamtu Calin , Dragomir Mihai, Crişan Liviu - On using modern reverse engineering techniques for artifact reconstruction - 9 th International Scientific Conference - Automation in production planning and manufacturing, Zilina, 2008, pg. 225-229, ISBN 978-80-89276-11-0	1.00
28	Popescu Sorin, Crişan Alina, Neamtu Calin , Dragomir Mihai - Developing the e-learning courses - 9 th International Scientific Conference - Automation in production planning and manufacturing, Zilina, 2008, pg. 219-224, ISBN 978-80-89276-11-0	1.00
29	Crişan Liviu, Popescu Daniela, Neamtu Calin , Grozav Sorin - Measurement process simulation of coordinate measurement machines - 9 th International Scientific Conference - Automation in production planning and manufacturing 2008, pg.44-51, ISBN 978-80-89276-11-0	1.00
30	Popescu D., Popescu S., Neamtu C. , Framework for increasing adequacy of simulation software in training CMM specialists , 10th CIRP International Conference on Computer Aided Tolerancing, Erlangen, Germany, 2007, pg. 243-250, ISBN 978-3-8322-6036-1	1.33
31	Călin Neamtu, Mircea Galiş - Utilizarea modelelor 3D stereo în Învațarea/Predarea bazată pe simulare digitală” ICVL 2007 - Constanța, lucrare invitată în plen și premiată cu premiul de excelență “CNIV 2007”	2.00
32	C. Neamtu - VRML simulation of part measurement using CMM - ITC 2006 (Zlin-Cehia) ISBN 80-7318-448-6, Proceedings electronic pe CD	4.00
33	D. Popescu, C. Neamtu , S. Popescu - Virtual measurement - International Scientific Conference microCAD 2006 (Miskolc - Ungaria), pg. 111-116, ISBN 963-661-713-9	1.33
34	C. Neamtu - Simulation - part of logistics for CMM measurement - MIBE 2006 (Miskolc - Ungaria), pg.35-43, ISBN 978-963-661-790-5	4.00
35	C. Neamtu, S. Popescu - The conversion of a classical course into an electronic course (wbt) - MIBE 2006 (Miskolc - Ungaria), pg. 27-34, ISBN 978-963-661-790-5	2.00
36	D. Popescu, C. Neamtu - Selecting Software for simulating CMM Measurements , ACTA TECHNICA NAPOCENSIS, No. 49, vol V [2006], pg. 35-42, ISSN 1221-5872	2.00
37	M. Steopan, S. Brad, C. Neamtu - Design Quality of new product in the entertainment industry , ACTA TECHNICA NAPOCENSIS, No. 49, vol. IV [2005], pg. 125-132, ISSN 1221-5872	1.33
38	A. Crişan, S. Popescu, C. Neamtu - The university of the new millennium , ACTA TECHNICA NAPOCENSIS, No. 49, vol. IV [2006], pg. 117-124, ISSN 1221-5872	1.33
39	C. Neamtu, D. Popescu - On-line testing using macromedia Flash 8 - ACTA TECHNICA NAPOCENSIS, No. 48, vol. IV [2005], pg. 315-322, ISSN 1221-5872	2.00
40	D. Hurgoiu, S. Popescu, C. Neamtu - The development of an e-learning platform for course in the field of quality engineering and management - ACTA TECHNICA NAPOCENSIS, No. 47, vol. IV [2004], pg. 45-52, ISSN 1221-5872	2.00

Nr.	Titlu	Punctaj
41	Simona Andreea Sandu, Călin Dan Neamțu , Sorin Dan Grigorescu Introducerea platformei de e-learning în protetica dentară. Partea a II-a, REVISTA ROMÂNĂ DE STOMATOLOGIE – volumul LXIII, nr. 2, (2017)	2.00
42	Simona Andreea Sandu, Călin Dan Neamțu , Sorin Dan Grigorescu, Ionel Bujorel Păvăloiu Sistemul de simulare virtuală pentru protetica dentară. Partea I, REVISTA ROMÂNĂ DE STOMATOLOGIE – volumul LXIII, nr. 2, (2017)	1.50

2.5 Granturi / proiecte câștigate prin competiție sau contracte cu mediul socio economic

(Minim 2D sau 4R)

2.5.1 Director

- Când viața cotidiană antică devine patrimoniu UNESCO. Scanarea, restaurarea digitală și contextualizarea artefactelor dacice din Munții Orăștie**, Mecanismul Financiar SEE 2009-2014 linia de proiecte: PA16/RO12, bugetul proiectului 920 000 Euro, funcția – director de proiect, perioada de implementare 2015-2016 – **punctaj : 920 puncte**
- Realizarea unei platforme inovative bazată pe aplicații de realitate virtuală pentru siguranța și protecția personalului din infrastructurile critice-CREVIS**, Nr. Proiect : P019002/1775, Cod SIMIS: 50433, POS CCE, Bugetul proiectului : 5.202.391,92 lei, funcția – director de proiect, - **punctaj : 1156 puncte**
- Cercetare pentru proiectarea și realizarea de repere din mase plastice pentru industria mobilei**, Nr. Proiect: 12.P01.001 11 C1, cod SMIS 49946, POS CCE, Bugetul proiectului : 2.082.600,00 lei, funcția – director de proiect – **punctaj 462.8**
- Ddigitizarea planurilor săpăturilor arheologice. Digitizarea artefactelor rezultate în urma săpăturilor arheologice** – beneficiar: Muzeul Național de Istorie a Transilvaniei, valoare : 37200 lei (echivalent 8 200 EUR), funcția - director de contract (2012). – **punctaj : 8.2 puncte**

2.5.2 Responsabil partener

- Platforma virtuala de e-learning bazata pe aplicatii 3D utilizabila in protetica dentara**, PN-II-PT-PCCA-2013-4-0644, numar de contract: 342/2014, proiect implementat de Universitatea de Medicina si Farmacie "Carol Davila" București bugetul partenerului Avitech CO SRL in proiect : 98 000 euro, funcția: responsabil partener – **punctaj 98.00**

2.6 Coordonare / dezvoltare laborator / centru de cercetare

1	Dezvoltare laborator de măsurare și scanare 3D (echipamente în valoare de 400 000 euro)	40 puncte
2	Dezvoltare laborator printare 3D (echipamente în valoare de 20000 euro)	40 puncte

A3. Recunoașterea și impactul activității

3.1 Vizibilitate in baze de date internaționale

3.1.1 Citări în articole reviste ISI

Articol citat		
<p>Neamțu Călin, Dan Hurgoiu, Sorin Popescu, Mihai Dragomir, Herbert Osanna, Training in coordinate measurement using 3D virtual instruments, Measurement, Volume 45, Issue 10, December 2012, Pages 2346-2358, ISSN 0263-2241, 10.1016/j.measurement.2011.09.026.</p>		
Articole care citează		Punctaj
1	Torok, J., Kocisko, M., Teliskova, M., and Janak, M., Increasing of the Work Productivity of CMM Machine by Applying of Augmented Reality Technology, in 2016 3rd International Conference on Industrial Engineering and Applications, A.J. Arumugham, et al., Editors. 2016.	2.00
2	Pacaux-Lemoine, M.P., Poulain, T., Debernard, S., and Ieee, <i>Human-Machine Cooperation and Manufacturing System Support to diagnose command error</i> , in 39th Annual Conference of the Ieee Industrial Electronics Society. 2013. p. 8288-8293.	2.00
3	Konov, S.G. and Markov, B.N., <i>Algorithm of correction of error caused by perspective distortions of measuring mark images</i> . Mechanics & Industry, 2016 Volume: 17 Issue: (7) DOI: 10.1051/meca/2016077.	2.00
4	Humienny, Z. and Berta, M., <i>Using animations to support the understanding of geometrical tolerancing concepts</i> . Tm-Technisches Messen, 2015 Volume: 82 Issue: (9): p. 422-431 DOI: 10.1515/teme-2015-0048.	2.00
5	Gella-Marin, R.M., Garcia-Hernandez, C., Huertas-Talon, J.L., and Kyratsis, P., <i>Increasing Laboratory Capacity of a Gear Measurement Practical Session using Freeware Applications</i> . International Journal of Engineering Education, 2016 Volume: 32 Issue: (1): p. 246-251.	2.00
6	Garcia-Hernandez, C., Gella-Marin, R., Huertas-Talon, J.L., and Berges-Muro, L., <i>Algorithm for measuring gears implemented with general-purpose spreadsheet software</i> . Measurement, 2016 Volume: 85 Issue: p. 1-12 DOI: 10.1016/j.measurement.2016.02.013.	2.00
7	Efkolidis, N., Garcia-Hernandez, C., Huertas-Talon, J.L., and Kyratsis, P., <i>Sustainability and Distance Learning: Technical Universities Sharing High Cost Resources</i> . International Journal of Engineering Education, 2017 Volume: 33 Issue: (5): p. 1664-1671.	2.00

Articol citat		
<p>Constantin Marutoiu, Ioan Bratu, Ana Maria Budu, Gheorghe Santa, Olivia Florena Marutoiu, Călin Neamtu, Claudiu Tanaselia, Irina Kacso, Irina Crina Anca Sandu, Evaluation Of Conservation State By Analysis Of Imperial Gates' Constituent Materials Belonging To Aschileu Mic Wooden Church, Cluj County, Chemistry magazine, No. 7, volume 2015, ISSN: 0034-7752</p>		
Articole care citează		Punctaj
1	Munteanu, A., Simionescu, A.E., and Urma, M., <i>NEW RESEARCH ON MATERIALS USED IN THE PAINTING OF ICONS ON GLASS IN TRANSYLVANIA IN THE XIX CENTURY</i> . International Journal of Conservation Science, 2015 Volume: 6 Issue: p. 557-570.	1.11

2	Marutoiu, C., Bratu, I., Nemes, O.F., Dit, II, Comes, R., Tanaselia, C., Falamas, A., Miclaus, M., Marutoiu, V.C., and Moraru, R., <i>Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County</i> . <i>Vibrational Spectroscopy</i> , 2017 Volume: 89 Issue: p. 131-136 DOI: 10.1016/j.vibspec.2017.02.003.	1.11
3	Hutanu, I., Sandu, I., Simionescu, A.E., Vasilache, V., Budu, A.M., and Sandu, I.C.A., <i>Study Concerning the Influence of Acrylic Consolidating Agents on Gold Gilding and Schlagmetal</i> . <i>Revista de Chimie</i> , 2015 Volume: 66 Issue: (9): p. 1480-1484.	1.11
4	Geba, M., Stratulat, L., Vornicu, N., Salajan, D., and Manea, M.M., <i>Research on the Chromatic Palette of a Modern Romanian Painter</i> . <i>Revista de Chimie</i> , 2017 Volume: 68 Issue: (3): p. 447-452.	1.11
5	Bratu, I., Siluan, M., Marutoiu, C., Kacso, I., Garabagiu, S., Marutoiu, V.C., Tanaselia, C., Popescu, D., Postolache, D.L., and Pop, D., <i>Science Applied for the Investigation of Imperial Gate from Eighteenth Century Wooden Church of Nicula Monastery</i> . <i>Journal of Spectroscopy</i> , 2017 Issue: p. 7 DOI: 10.1155/2017/6167856.	1.11
6	Bratu, I., Marutoiu, C., Moldovan, Z., Marutoiu, V.C., Trosan, L., Pop, D.T., and Sandu, I.C.A., <i>Scientific Investigation of the Saint Elijah's Icon from Dragus Village, Brasov County for its Preservation and Restoration</i> . <i>Revista de Chimie</i> , 2015 Volume: 66 Issue: (10): p. 1628-1631.	1.11

Articol citat

C. Măruțoiu, I. Bratu, L. Troșan, **C. Neamtu**, V. C. Măruțoiu, D. Pop, C. Tănăselia, and S. Garabagiu, '**Scientific Investigation of the Imperial Gates Belonging to the Wooden Church from Săcel, Turda County, Romania**', *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 152 (2016), 311-317

Articole care citează		Punctaj
1	Bratu, I., Siluan, M., Marutoiu, C., Kacso, I., Garabagiu, S., Marutoiu, V.C., Tanaselia, C., Popescu, D., Postolache, D.L., and Pop, D., <i>Science Applied for the Investigation of Imperial Gate from Eighteenth Century Wooden Church of Nicula Monastery</i> . <i>Journal of Spectroscopy</i> , 2017 Issue: p. 7 DOI: 10.1155/2017/6167856.	1.25
2	Bratu, I., Marutoiu, C., Moldovan, Z., Marutoiu, V.C., Trosan, L., Pop, D.T., and Sandu, I.C.A., <i>Scientific Investigation of the Saint Elijah's Icon from Dragus Village, Brasov County for its Preservation and Restoration</i> . <i>Revista de Chimie</i> , 2015 Volume: 66 Issue: (10): p. 1628-1631.	1.25
3	Lee, V. and Attinger, D., <i>Thermodynamics and historical relevance of a jetting thermometer made of Chinese zisha ceramic</i> . <i>Scientific Reports</i> , 2016 Volume: 6 Issue: p. 11 DOI: 10.1038/srep28609.	1.25
4	Garrote, M.A., Robador, M.D., and Perez-Rodriguez, J.L., <i>Analytical investigation of Mudejar polychrome on the carpentry in the Casa de Pilatos palace in Seville using non-destructive XRF and complementary techniques</i> . <i>Spectrochimica Acta Part a-Molecular and Biomolecular Spectroscopy</i> , 2017 Volume: 173 Issue: p. 279-291 DOI: 10.1016/j.saa.2016.09.027.	1.25
5	Bratu, I., Paduraru, M., Marutoiu, C., Pop, S.S.F., Kacso, I., Tanaselia, C., Marutoiu, O.F., and Sandu, I.C.A., <i>Multianalytical Study on Two Wooden Icons from the Beginning of the Eighteenth Century Evaluation of conservation state</i> . <i>Revista de Chimie</i> , 2016 Volume: 67 Issue: (11): p. 2383-2388.	1.25

Articol citat Marutoiu, C., Nica, L., Bratu, I., Marutoiu, O.F., Moldovan, Z., Neamtu, C. , Gardan, G., Rauca, A., and Sandu, I.C.A., The Scientific Investigation of the Imperial Gates Belonging to Sanmihaiul Almasului Wooden Church (1816) . <i>Revista de Chimie</i> , 2016 Volume: 67 Issue: (9): p. 1739-1744.		
Articole care citează		Punctaj
1	Geba, M., Stratulat, L., Vornicu, N., Salajan, D., and Manea, M.M., <i>Research on the Chromatic Palette of a Modern Romanian Painter</i> . <i>Revista de Chimie</i> , 2017 Volume: 68 Issue: (3): p. 447-452.	1.11
2	Bratu, I., Paduraru, M., Marutoiu, C., Pop, S.S.F., Kacso, I., Tanaselia, C., Marutoiu, O.F., and Sandu, I.C.A., <i>Multianalytical Study on Two Wooden Icons from the Beginning of the Eighteenth Century Evaluation of conservation state</i> . <i>Revista de Chimie</i> , 2016 Volume: 67 Issue: (11): p. 2383-2388.	1.11
3	Munteanu, M., Sandu, I.C.A., Lupascu, M.M., Vasilache, V., and Sandu, I., The importance of a complete and modern information gathering protocol in the conservation process of a xviii-th century icon. <i>International Journal of Conservation Science</i> , 2016 Volume: 7 Issue: 4: p. 995-1008.	1.11

Articol citat Radu Comes, Calin Neamtu, Zsolt Buna, Ionut Badiu, and Paul Pupeza, ' Methodology to Create 3d Models for Augmented Reality Applications Using Scanned Point Clouds ', <i>Mediterranean Archaeology & Archaeometry</i> , 14 (2014), 35-44, ISSN 1108-9628		
Articole care citează		Punctaj
1	Marutoiu, C., Bratu, I., Nemes, O.F., Dit, II, Comes, R., Tanaselia, C., Falamas, A., Miclaus, M., Marutoiu, V.C., and Moraru, R., <i>Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County</i> . <i>Vibrational Spectroscopy</i> , 2017 Volume: 89 Issue: p. 131-136 DOI: 10.1016/j.vibspec.2017.02.003.	2.00
2	Bratu, I., Siluan, M., Marutoiu, C., Kacso, I., Garabagiu, S., Marutoiu, V.C., Tanaselia, C., Popescu, D., Postolache, D.L., and Pop, D., <i>Science Applied for the Investigation of Imperial Gate from Eighteenth Century Wooden Church of Nicula Monastery</i> . <i>Journal of Spectroscopy</i> , 2017 Issue: p. 7 DOI: 10.1155/2017/6167856.	2.00
3	Marutoiu, C., Bratu, I., Trosan, L., Neamtu, C., Marutoiu, V.C., Pop, D., Tanaselia, C., and Garabagiu, S., <i>Scientific investigation of the Imperial Gates belonging to the wooden church from Sacel, Turda County, Romania</i> . <i>Spectrochimica Acta Part a-Molecular and Biomolecular Spectroscopy</i> , 2016 Volume: 152 Issue: p. 311-317 DOI: 10.1016/j.saa.2015.07.083.	2.00

Articol citat Calin Neamtu , Daniela Popescu, Razvan Mateescu, Liliana Suciu, and Dan Hurgoiu, ' About Quality and Properties of Digital Artifacts ', <i>Mediterranean Archaeology & Archaeometry</i> , 14 (2014), 55-64, ISSN 1108-9628		
Articole care citează		Punctaj
1	Marutoiu, C., Bratu, I., Nemes, O.F., Dit, II, Comes, R., Tanaselia, C., Falamas, A., Miclaus, M., Marutoiu, V.C., and Moraru, R., <i>Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County</i> . <i>Vibrational Spectroscopy</i> , 2017 Volume: 89 Issue: p. 131-136 DOI: 10.1016/j.vibspec.2017.02.003.	2.00

Articol citat Neamțu Călin, Popescu Daniela, Mateescu Răzvan, Hurgoiu Dan, Pupeză Paul, Reconstruction of ceramic vessels from the family of chiup , 1st International Conference on Quality and Innovation in Engineering and Management, 2011, Cluj-Napoca, România ISBN 978-973-662-614-2 (lucrare selecționată și republicată în extenso în jurnal indexat COPERNICUS ACTA TECHNICA NAPOCENSIS, Vol. 54, Issue II Series: Applied Mathematics And Mechanics, ISSN 1221 – 5872 pag 391 – 396 - Copernicus)		
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1	Bratu, I., Siluan, M., Marutoiu, C., Kacso, I., Garabagiu, S., Marutoiu, V.C., Tanaselia, C., Popescu, D., Postolache, D.L., and Pop, D., <i>Science Applied for the Investigation of Imperial Gate from Eighteenth Century Wooden Church of Nicula Monastery</i> . Journal of Spectroscopy, 2017 Issue: p. 7 DOI: 10.1155/2017/6167856.	2.00

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3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale, și profesor invitat

3.2.1. Internaționale

Călin Neamțu, Dragomir Mihai, Razvan Mateescu, Paul Pupeza - **Dacians in the virtual era**, International Colloquium from Targu-Mures : Iron Age Rites and Rituals in the Carpathian Basin – lucrare invitată în plen – **20 puncte**

Prezentare in plen conferinta COORDINATE MEASURING TECHNIQUE organizata la Bielsko-Biala, Polonia – **20 puncte**

3.2.2 Naționale

Călin Neamțu, Mircea Galiș - **Utilizarea modelelor 3D stereo în Învățarea/Predarea bazată pe simulare digitală** ICVL 2007 - Constanța, lucrare invitată în plen – **10 puncte**

3.3 Membru în colectivele de redacție sau comitetele științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice

3.3.1 ISI

Editor ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING din 2014 (ESCI) - **10 puncte**

Membru în comitetul de organizare al **International Conference on Quality and Innovation în Engineering and Management**, 2011-2018, Cluj-Napoca, România, conferință cu volum indexat ISI - **10 puncte**

3.3.2 BDI

Membru în comitetul de organizare al 2nd • **International Conference On Production Research - Regional Conference Africa, Europe And Middle East** (trei ediții), 2014-2018, Cluj-Napoca, România - conferință cu volum indexat SCOPUS - **8 puncte**

Editor al **Journal of Ancient History and Archaeology**, aflată sub egida Academiei Române și a Universității Tehnice Cluj-Napoca (DOAJ, ERIH Plus) - **8 Puncte**

3.3.3 Naționale și internaționale neindexate

Organizator al **International Conference : The Antiquity A Perspective From Different Angles**, 2012, Petronell-Carnuntum, Austria - **5 Puncte**

3.5 Premii naționale în domeniu

Călin Neamțu, Mircea Galiș - **Utilizarea modelelor 3D stereo în Învățarea/Predarea bazată pe simulare digitală** ICVL 2007 - Constanța, lucrare invitată în plen și premiată cu [premiul de excelență "CNIV 2007"](#) – **5 puncte**

DIPLOMA DE EXCELENTA SI MEDALIA DE AUR CU MENTIUNE SPECIALA, Salonul International de Inventica PRO INVENT 2016, Suport de cuțite reconfigurabil destinat susținerii organizate a cuțitelor, Solcan Sergiu, **Neamtu Calin Ghe. Dan**, – **5 puncte**

2DIPLOMA DE EXCELENTA SI MEDALIA DE AUR CU MENTIUNE SPECIALA, Salonul International de Inventica PRO INVENT Ediția XIV, Storcător de citrice, **Neamtu Calin Ghe. Dan**, Solcan Sergiu, Popescu, Daniela – **5 puncte**

GOLD MEDAL, Inventica 2016, Furniture leg provided with personalized insertion, Neamtu Calin Ghe. Dan, Solcan Sergiu, Popescu Daniela, Eles Arnold Mate – **5 puncte**

GOLD MEDAL, Inventica 2016, Technological platform for training operators of critical structures, Camelia Achelaritei, **Neamtu Calin Ghe. Dan** – **5 puncte**

GOLD MEDAL, Inventica 2016, Knives organizator with weeble toy function integrated, Solcan Sergiu, **Neamtu Calin Ghe. Dan** – **5 puncte**

3.6 Membru în academii, organizații, asociații de prestigiu

1. Membru al Institute of Electrical and Electronics Engineers (IEE), Member number: 92605822. – **5 puncte**
2. Membru in Societatea De Robotica din Romania: – **3 puncte**

Data: 21.11.2017

Neamțu Călin Gheorghe Dan