

Anexa 4

FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE

Candidat **Adriana Voica NEAG**, înscris la concursul pentru ocuparea postului de **Conferențiar** la Facultatea **Ingineria Materialelor si a Mediului Departament Știință si Ingineria Materialelor**, poziția 8.

Conditii minimale (Ai)			
Nr.	Domeniul activităților	Necesar puncte (minim)	Realizat
A1	Activitatea didactică și profesională (A1)	30	67,82
A2	Activitatea de cercetare (A2)	160	318,86
A3	Recunoașterea și impactul activității (A3)	60	179,05
Total (A)		250	565,73

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Document doveditor
A1	1.1. Cărți și capitole în cărți de specialitate în edituri recunoscute 1.1.1 Cărți/capitole ca autor 1.1.1.2. Naționale; din care; Conferențiar minim 1	1	1	(se regăsesc în lista de lucrări)
	1.2. Suport didactic 1.2.1 Manuale didactice, monografii, inclusiv electronice: pentru Conferențiar min. 1 1.2.2 Indrumatoare de laborator/aplicații;	1	1	(se regăsesc în lista de lucrări)
A2	2.1. Articole în reviste cotate ISI Thomson Reuters-Web of Science Core Collection [FI – Factor de Impact] și în volumele indexate ISI proceedings – Web of Science, în specificul postului scos la concurs [2] 2.1.2 Minim 10 articole pentru Conferențiar/CSII din care min. 5 în Reviste cotate ISI Th.R [din care min 3. Cu FI de min 1 și min 2 ca autor principal cu FI min 0.5 [3].	10	13 Din care 6 reviste ISI Th.R 4 cu FI > 1 3 autor pr. FI > 0.5	(se regăsesc în lista de lucrări)

	2.4. Granturi/proiecte de cercetare câștigate prin competiție/Contracte cu agenți economici, min 10000 echivalent Euro, încasăți 2.4.1. Director/responsabil partener: Minim 1 pentru Conferențiar/CSII	1	2	(se regăsesc în lista de lucrări)
A3	3.1. Citări în reviste cotate în ISI Thomson Reuters-Web of Science Core Collection [IF – Factor de Impact] și în alte BDI(FI se referă la revista în care a fost publicat articolul care citează) <i>(Se exclud autocitările tuturor autorilor co-autorilor; Lucrări citate: articol de revistă, conferință, carte, teză, brevet de invenție; Minimum 30 citări pentru Profesor /CS I și minimum 15 citări pentru Conferențiar/CSII, în SI Thomson Reuters-Web of Science Core Collection și Scopus)</i>	15	23 în ISI Th. R 23 în alte BDI	(se regăsesc în fisa de verificare detaliata)

Data 05.06.2018

Semnătura

Decan,
Prof. Dr. Ing. Fiz. Ionel Chicinaș



Director departament
Conf. Dr. Ing. Mariana Pop

Instrucțiuni:

- Candidatul completează coloana a II-a (evaluare), unde este cazul.
- Candidatul va ataşa, dacă este cazul, documente doveditoare, în xerocopie, pentru acele criterii a căror evaluare nu este posibilă pe baza conţinutului dosarului.

Fisa de verificare a standardelor minime pentru gradul de conferentiar universitar conform anexa 7 ordin 6.129_2016

A1. Activitatea didactica si profesionala

Punctaj A1

67,825

1.1 Carti si capitole in carti de specialitate in edituri recunoscute : Carti/ capitole ca autor - nationale; (minim 1)

Nr.	Titlu	Punctaj
1	Adriana NEAG, Elemente de modelare si simulare a proceselor de deformare, Ed. Mega, 2016, ISBN 978-606-543-808-8	pagini / (5 x nr.autori)=224/5 = 44,8

1.2 Suport didactic

1.2.1 Manuale didactice, monografii, inclusiv electronice (minim 1)

Nr.	Titlu	Punctaj
1	Adriana NEAG, Noțiuni de procesare în stare semisolidă a materialelor, Ed. UTPress 2017, ISBN 978-606-737-263-2	pagini / (10 x nr.autori) = 185/10=18,5

1.2.2 Indrumatoare de laborator/aplicatii;

Nr.	Titlu	Punctaj
1	Adriana NEAG, Mariana POP, Deformari plastice – Aplicatii, UTPress, 2009	pagini / (20 x nr.autori)=181/20 x 2=4,525

A2. Activitatea de cercetare : ResearcherID : A-9852-2015; Orcid ID: 0000-0002-9651-1934

2.1 Articole in reviste cotate ISI Thomson Reuters-Web of Science Core Collection {FI-Factor de Impact} si in volume indexate ISI proceedings-Weg of Science in specificul postului scos la concurs (Mimin 10 articole pentru Conferentiar/CSI din care min. 5 in Reviste cotate ISI Th.R., din care min. 3 cu FI de min. 1 si min. 2 ca autor principal cu FI min 0,5)

Punctaj A2.1

Reviste: (50*FI/nr.autori) /nr.autori; Volume: 50*0,1 / nr.Autori

162,271

N r	Autori	Titlu	Sursa	ISSN/ISBN	An	Factor de impact	Nr. autori	Punctaj
1	Neag, A., Favier, V., Bigot, R., Canta, T.,	Experimental investigation and numerical simulation	10 th ESAFORM Conference on Material Forming, Book Series: AIP	978-0-7354-0414-4	2007	5	1	

	Frunza, D.	during backward extrusion of a semi-solid Al-Si hypoeutectic alloy	Conference Proceedings Vol: 907 Pages: 620					
2	Neag, A., Favier, V., Bigot, R., Frunză, D.	Study on thixo-extrusion of semi-solid aluminium	Semi-Solid Processing of Alloys And Composites X; Book Series: Solid State Phenomena Vol: 141-143, Pag: 659	1012-0394	2008		4	1,25
3	Pop, M., Neag, A.	Dimensional precision in non-conventional processes of plastic deformation	Metalurgia International Vol: 14 (7), Pages: 24-26	1582-2214	2009	0.154	2	3,85
4	Neag, A., Favier, V., Pop, M., Becker, E., Bigot, R.	Effect of experimental conditions on 7075 aluminium response during thixoextrusion	MATERIAL FORMING - ESAFORM 2012, PTS 1 & 2 Book Series: Key Engineering Materials Vol: 504-506 Pages: 345-+ DOI: 10.4028/www.scientific.net/KEM.50	1013-9826/978-3-03785-366-5	2012		5	1
5	Neag, A., Favier, V., Bigot, R., Pop, M.	Microstructure and flow behaviour during backward extrusion of semi-solid 7075 aluminium alloy	Journal of Materials Processing Technology Vol: 212-7 Pages: 1472-1480 DOI: 10.1016/j.jmatprotec.2012.02.003	0924-0136	2012	3.147	4	39,337
6	Neag, A., Favier, V., Pop, M., Bigot, R.	Experimental investigation on 7075 aluminium response during thixoextrusion	Semi-Solid Processing of Alloys and Composites XII Book Series: Solid State Phenomena, Vol: 192-193 Pages: 149-154 DOI: 10.4028/www.scientific.net/SSP.192-193.149	1012-0394	2013		4	1,25
7	Neag, A., Favier, V., Nistor, L., Bigot, R.	Numerical simulation and experimental investigation on thixo-backward extrusion of 7075 aluminium alloy	Interdisciplinary Research in Engineering: Steps Towards Breakthrough Innovation for Sustainable Development Book Series: Advanced Engineering Forum Vol: 8-9 Pages: 269-276 DOI: 10.4028/www.scientific.net/AEF.8-9.269	2234-9898/978-3-03785-785-4	2013		4	1,25

8	Neag, A., Favier, V., Bigot, R., Atkinson, H.V.	Comparison between numerical simulation of semisolid flow into a die using FORGE© and in situ visualization using a transparent sided die	Journal of Materials Processing Technology Vol: 229 Pages: 338-348 DOI: 10.1016/j.jmatprotc.2015.09.035	0924-0136	2016	3.147	4	39,337
9	M. Pop, D. Frunza, F. Popa, A. Neag	Experimental and numerical analysis of 7075 aluminum alloy fracture behavior	Journal of Optoelectronics and Advanced Materials Vol 17, Issue 11-12, Pages 1761-1766 https://www-scopus-com http://ufiscdi.gov.ro/article/65/Reviste-indexatecotate-1SI	1454-4164	2015	0.449	4	5,612
10	Dincu, PP, Achim, G, Noveanu, D, Neag, A.	Numerical analysis of the friction conditions influence on the metal tubes extrusion process	Acta Technica Napocaensis Series-Applied Mathematics Mechanics and Engineering Vol: 59 (3) Pages: 309-314	1221-5872	2016		4	1,25
11	Nistor, L, Neag, A.(autor coresp), Marian, J, Frunza, D	Experimental and Numerical Simulation Study of Simultaneous Tooothing of Spur Gears by Press-Rolling Process	Journal of Manufacturing Science and Engineering-Transactions of the ASME Vol: 138 Issue: 12 DOI: 10.1115/1.4034493	1087-1357	2016	3.48	4	43,5
12	M. Pop, D. Frunza, F. Popa, A. Neag	Aspects Regarding the Hot Fracture Behavior of 42CrMo4 Alloy	Roumanian Journal of Physics, Vol.62, Nr.5-6, 2017 http://ufiscdi.gov.ro/article/65/Reviste-indexatecotate-1SI	1221-146X	2017	1,758	4	21,975
13	Dincu, Petru Paul; Achim, Gheorghe; Neag, Adriana	Numerical simulation of tool wearing in reverse cold extrusion processes	Acta Technica Napocaensis Series- Applied Mathematics Mechanics and Engineering Vol: 60 Issue: 2 Pages: 263-268,	1221-5872	2017		3	1,66

Punctaj A2.2

30,59

2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [BDI], in specificul postului scos la concurs (50 *0,08/ nr. Autori)

Nr	Autori	Titlu	Baza de date	An	Nr.autori	Punctaj
Reviste						
1	A. Neag, I.M.Sas-Boca	Aspecte ale deformării în stare semisolidă, Revista METALURGIA, nr.11, sept., 2004, pag.22, ISSN 0461-9579, http://archive-ro.com/page/347639/2012-10-01/http://www.metalurgia.ro/INDICI.2004..Rom..html	EBSCO	2004	2	2
2	M. Pop, A. Neag	Theoretical considerations on kinematics parameters during dieless drawing, Metalurgia, Vol. 61 Issue 5, p42	EBSCO	2009	2	2
3	M. Pop, A. Neag	Aspects regarding implementation of concurrent engineering principles in plastic deformation processes, Rev.Metalurgia nr.5, p.29, 2010, ISSN 0461-9579,	EBSCO	2010	2	2
4	M. Pop, A. Neag	Numerical study on deformation behavior in dieless drawing process, Rev.Metalurgia nr.5, p.13, ISSN 0461-9579	EBSCO	2010	2	2
5	A. Neag M. Pop,	Aspects regarding numerical simulation of C35 steel billet during hot upsetting process, Rev.Metalurgia nr.5,p.5, ISSN 0461-9579	EBSCO	2010	2	2
6	M. Pop, A. Neag	Implementation of concurrent engineering techniques in hot metal forming, METALURGIA, No.2, Vol.63, pp.55-59, ISSN: 0461-9579	EBSCO	2011	2	2
7	A. Neag, E. Becker, M. Pop, E.Henrion, R. Bigot	Influence of Experimental Conditions on Material Response During Thixoextrusion Process, ACTA TECHNICA NAPOCENSIS - Series: Applied Mathematics and Mechanics No.54, Vol. II, 2011, (http://www.atna-mam.utcluj.ro/id43.htm#/7).	SAM Archive ouverte Arts&Metiers ParisTech	2011	5	0,8
8	M. Pop, A. Neag	Aspects regarding the constitutive equations for FEM analysis of advanced metal forming processes, The Annals of "DUNAREA DE JOS" University of Galati,Fascicle IX METALLURGY AND MATERIALS SCIENCE YEAR XXIX(XXXIV), Pag. 45, no.2, ISSN 1453-083X, http://www.fmet.ugal.ro/Anale/Anale%202-2011.pdf	EBSCO	2011	2	2
9	M. Pop, D. Frunza, A. Neag	Experimental and numerical aspects regarding lead alloy plastic deformation, Revue Roumaine des Sciences Techniques-Série de mécanique appliquée, vol.57, nr.1, 2012, http://www.imsar.ro/MEC-APPL_2012_1/2012_57_1_a5_Pop_Frunza_Neag.pdf	Index Copernicus International	2012	3	1,33
10	M. Pop,	Dieless drawing – A nonconventional plastic deformation process,	EBSCO	2012	2	2

	A. Neag	METALURGIA, No.2., pp.5-10 ISSN: 0461-9579					
11	M. Pop, D. Frunza, A. Neag , C. Pavel	Researches on forward extrusion of lead alloy, METALURGIA, No.1, pp.10-15, ISSN: 0461-9579	EBSCO	2012	4	1	
12	A. Neag , L. Nistor	Numerical simulation in the design of the forging technology for revolution geometry products, Metalurgia, Vol. 65 No.4, 2013, pp 40-47, ISSN 0461- 9579. https://www.academia.edu/4195385/Sumar_Metalurgia_3_2013	ProQuest	2013	2	2	
13	M. Pop, D. Frunza, A. Neag	Application of numerical simulation in metal forming processes, METALURGIA, No3, 2013, pp 14-23, ISSN 0461-9579, http://www.academia.edu/4195385/Sumar_Metalurgia_3_2013	EBSCO	2013	3	1,33	
14	A. Neag , A., Favier, V., Bigot, R., Atkinson, H.V.	Analysis by micromechanical modeling on material flow under rapid compression in the semi-solid state, 13th Int. Conf. on Semi-Solid Processing of Alloys and Composites (S2P 2014), Muscat, Oman,Solid State Phenomena (Vol.217 - 218), pp 182-187	scopus-com	2014	4	1	
15	Dincu, P.P., Achim, G., A. Neag , A., Trif, A.	Analysis distribution of the equivalent plastic strain, contact pressure and temperature during the metal tubes extrusion, Academic Journal of Manufacturing Engineering , 16(1), pp. 27-32	scopus-com	2018	4	1	
1	N.Cioica, A. Dragoste, F.Gnandt, T. Canta, A.Neag	Considerations on forming of non-ferrous metallic materials by semi-solid injection moulding, 3rd Internat.Conf. on Materials and Manufacturing Technologies - MATEHN'02, Cluj-Napoca, pag.625-629	Index Copernicus, WorldCat	2002	5	0,8	
2	A.Neag , T. Canta, N. Cioica	Thixoforming - Consideration about a new solution from the future, 3rd internat.Conf. on Materials and Manufacturing Technologies - MATEHN'02, Cluj- Napoca, pag405-411	WorldCat	2002	3	1,33	
3	A. Neag , T. Canta	Some consideration regarding thixoforming of metal alloys, The Annals of "Dunarea de Jos" University of Galati Fascicle IX Metallurgy and Materials Science, ISSN 1453 – 083X NR. II – 2003, pp.33	http://www.finet.ugal.ro/Anal/eAnnals%20UDIG%20MSM%202003.pdf	2003	2	2	
4	I.M.Sas-Boca, T.Canta, D.Frunza, A.Neag	Simularea cu freicare asistata a compactizarii pieselor din pulberi metalice, International Conf. ROMAT, Bucuresti (ISBN 973-718-081-X)	TIBKAT www.tib.eu	2004	4	1	
5	M. Pop, D. Frunza, A. A. Neag , F. Popa	Thermomechanical analysis of deformation behaviour in dieless drawing of metallic materials, 5 th Int.Conf RoPM Advanced Materials, Cluj-Napoca, septembrie 2017, Book of abstract, UTPRESS Cluj-Napoca, ISBN-978-606-737- 260-1, pag. 36.		2017	4	1	

2.3 Brevete de inventie acordate neindexate/indexate ISI

2.3.2 national (15/25/nr de autori)

1	Breban Stefan, Teodosescu Petre Dorel, Neag Adriana Voica, Chirca Mihai	Actuator electromecanic cu dispozitiv electronic de comanda	Înregistrare la OSIM A/10001/2016 din 05 ian. 2016, Buletinul oficial de proprietate industrială, Secțiunea INVENTII - Nr. 7/2017
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2.4 Granturi/proiecte de cercetare castigate prin competitive/Contracte cu agenti economici, min 10.000 echivalent Euro, incasati

2.4.1 Director/ responsabil partener : - Minim 1 pentru Conferentiar

2.4.1.1 Internationale (20 x ani desfasurare)

Punctaj A2.4
126

1	In cadrul PROGRAMELOR EUROPEENE (http://www.research.gov.ro/ro/articol/1615/programe-internationale-cooperari-bilaterale) - Contract de cercetare international tip bilateral PAI-Brancusi 14787UD, (MEC Romania – EGIDE Franta); Partener CER Arts et Métiers ParisTech de Metz, France, Prof. Veronique FAVIER -responsabil francez, http://cgrava.webhost.uoradea.ro/research/documents/Adresa_Brancusi.pdf	Responsabil roman 2007-2008	20*2=40
2	Expertise to support the development of a numerical model of “flow drilling”, INSTITUT RECHERCHE TECHNOLOGIQUE MATERIAUX METALLURGIE PROCEDES, Address: Bâtiment CIRAM, 4, rue Augustin Fresnel, 57070 Metz, CEDEX 3, France. VALOARE: 15.000 euro	Director 2018	20

2.4.1.2 Nationale (5 x ani desfasurare)

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2.4.2 Membrii in echipa

Internationale (4 x ani desfasurare)

1	Low temperature near-net powder metallurgy route for the manufacture of complex shaped wear resistant parts, Project number G1ST-CT-2002-50214, FP 5/6 CRAFT-1999-71171-LOTHISS	2003-2004	4*2=8
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Nationale (2 x ani desfasurare)

1	Procedeu si dispozitiv pentru matriatrea la cald a rotilor dinalte cilindrice exterior, Nr.108/22.10.2003, INVENT 891 tema A14	2003-2005	4
2	Cercetari privind obtinerea, caracterizarea si utilizarea spumelor metalice, Grant CNCSIS tip A, Cod CNCSIS 3	2004-2006	4
3	Cercetari privind tehnologia de obtinere si studiul proceselor si fenomenelor de educare a produselor din aliaje cu memoria formeii, utilizand metalurgia pulberilor, CERES, PED	2004-2006	4
4	Aliaje metalice usoare pentru industria aeronautica si spatiala cu structura thixotropica, realizate prin metalurgia pulberilor (Metallic alloys for aeronautical and aerospace industry with thixotropic structure realized by powder metallurgy) – AEROSPATIAL- 23001/2004	2004-2006	4
5	Cercetari comparative privind caracterizarea si procesarea pieselor din oteluri PM, MATNANTECH, 240 (406)	2004-2006	4
6	Cercetari privind tehnologiile de realizare a pieselor sinterizate de înaltă rezistență destinate echipamentelor pentru agricultura și industria alimentară, prin introducerea măsurilor de protecția mediului, Program de cercetare de excelență, Agenția managerială de cercetare științifică inovare și transfer tehnologic, București, CEEX 74,	2005-2007	6
7	Cercetari privind preprocesarea si procesarea materialelor compozite avansate cu matrice metalica MMCs si ceramica CMCs, MAT-COM, CEEX; 166/P2/21.07.2006	2006-2008	4
8	Echipamente și tehnologii inovative specifice metalurgiei pulberilor, Contract 103/2007, Agenția managerială de cercetare științifică inovare și transfer tehnologic, București.	2007-2009	6
9	Tehnologii inovative de obținere a contactelor electrice prin utilizarea extrudării unghiulare în canale egale; tehnologic, contract INOVARE Nr. 146/02.06.2008; Agenția managerială de cercetare științifică inovare și transfer	2008-2010	6
10	Innovative wind energy conversion micro-system with direct-driven electric generator for residential uses, PN-II-PT-PCCA-2011-3-2-1696, RESPONSABIL DE GRUP, Atasat Declaratia Directorului de proiect http://innowecs.utcluj.ro/ ATASAT	2012-2016	16

Alte contracte:

- Contract Post-doctoral la Universitatea Tehnică din Cluj-Napoca, Creșterea performanțelor programelor de simulare numerică a proceselor de tixodeformare prin utilizarea unor modele de material avansate. Proiect POSDRU/89/1.5/S/52603. Perioada 2010-2013.
- Modelarea geometriei zonei de deformare în procesul de laminare a țevilor, Contract 277/19.12.2007- S.C.Tenaris Zalău.

A3 Recunoasterea si impactul activitatii

3.1 Citari in reviste cotate ISI Thomson Reuters-Web of Science Core Collection [FI-Factor de Impact] si in alte BDI (FI se refera la revista in care a fost publicat articolulcare citeaza. Se exclud autocitariile. Lucrari citate: articol de revista, conferinta, carte, teza, brevet de inventie; minim 15 citari pentru conferintiar in ISI Thomson Reuters-Web of Science Core Collection si Scopus.

Punctaj A3.1

3.1.1 ISI (5/nr. autori pentru FI < 0,5; 10/nr. autori pentru $0,5 \leq FI < 1$; 15/nr. autori pt. $1 \leq FI \leq 2$; 20/nr. autori pt. FI >2 si 30/nr. autori pt. FI >5)

118,05

	Articol citat	Articol in care este citat	Nr. Autorii a articolului citat	Factor de Impact pentru revista in care a fost citata lucrarea	Punctaj
1	A Neag, V Favier, R Bigot, M Pop , Microstructure and flow behaviour during backward extrusion of semi-solid 7075 aluminum alloy Journal of Materials Processing Technology 212 (7), 1472-1480	Comparisons of microstructure, thixoformability and mechanical properties of high performance wrought magnesium alloys reheated from the as-cast and extruded ... Q Chen, B Yuan, J Lin, X Xia, Z Zhao, D Shu - Journal of Alloys and Compounds, 2014	4	3,133	5
2	- II -	Rheological behavior of semi-solid 7075 aluminum alloy at steady state, Li, YG; Mao, WM; Zhu, WZ; Yang, B; CHINA FOUNDRY Vol 11 Issue: 2 Pages: 79-84, 2014	4	0,433	1,25
3	- II -	Fatigue Behaviour and Mechanical Properties of ECAP'ed and Thixoformed AA7075, Hasan Kaya, Mehmet Uçar , High Temperature Materials and Processes, Vol 33, Issue 3, Jun 2014	4	0,377	1,25
4	- II -	A one phase thermomechanical model for the numerical simulation of semi-solid material behavior. Application to thixoforming, R Koeune, JP Ponthot - International Journal of Plasticity, 2014	4	5,702	7,5
5	- II -	Microstructure and properties of AA7075/Al-SiC composites fabricated using powder metallurgy and hot pressing, Aykut Canakci, Temel Varol, Powder Technology Vol.268, Pages: 72-79, 2014	4	2,942	5
6	- II -	AlSi9Mg aluminum alloy semi-solid slurry preparation by intermediate frequency electromagnetic oscillation process, Zhang, Q; Cao, M; Cai, J; Journal of materials processing technology, Vol. 215, Pages: 42-49, 2015	4	3,147	5
7	- II -	Microstructure and property of a functionally graded aluminum silicon alloy fabricated by semi-solid backward extrusion process, Kai Zhang, Hao Yu, Jun-you Liu, Yan-xia Li,Jian Liu, Jia-liang Zhang, Materials	4	3,094	5

		Science and Engineering: A, Vol 624, Pages: 229-238, 2015			
8	- II -	Microstructure investigation and flow behavior during thixoextrusion of M2 steel grade, Guochao Gu, Raphaël Pesci, Laurent Langlois, Eric Becker, Régis Bigot, Journal of Materials Processing Technology, Vol 216, Pages 178-187, 2015	4	3,147	5
9	- II -	An Innovative Two-Stage Reheating Process for Wrought Aluminum Alloy During Thixoforming JJ Wang, D Brabazon, AB Phillion, GM Lu - Metallurgical and materials transactions a-physical metallurgy and materials science, Vol: 46A, Issue: 9, Pages: 4191-4201, 2015	4	1.874	3,75
10	- II -	Densification process of 10% B4C-AA2024 matrix composite strips by semi-solid powder rolling, Mo, ZQ; Liu, YZ; Jia, HF; Wu, M, Transactions of nonferrous metals society of China, Vol: 25, Issue: 10, Pages: 3181-3188, 2015	4	1.342	3,75
11	- II -	Effect of TiB2 Particles on Microstructure of 7075 Al Alloy in Semi-Solid State Near Liquidus By: Gan, Gui-sheng; Wang, Huaishan; Meng, Guo-qi; et al. MATERIALS TRANSACTIONS Volume: 56 Issue: 11 Pages: 1787-1792 Published: NOV 2015	4	0.713	2,5
12	- II -	Flow mechanism of 9Cr18 steel during thixoforging and its properties for functionally graded material, Y Wang R Song, Y Li - Materials & Design, Vol: 86, Pages: 41-48, 2015	4	4,364	5
13	- II -	Rheological research of partially-solidified dendritic Sn-14.8wt%Pb alloy by two backward extrusion methods, Zhang, YF; Zhou, C; Zhang, ZH; Cao, GM ; Zhang, J; Materials science and technology, Vol: 32, Issue: 10, Pages: 1004-1015, Special Issue: SI, 2016	4	1.538	3,75
14	- II -	Effect of TiB2 on Microstructure of 7075 Al Alloy Semi-Solid Slurry at Different Solid Fraction By: Gan, Guisheng; Zhang, Chunhong; Yang, Donghua; et al. MATERIALS TRANSACTIONS Volume: 58 Issue: 5 Pages: 734-738 Published: 2017	4	0.713	2,5
15	- II -	Complex shape metallic glass composites produced in one step by mini-thixoforming, Hüsnügül Yilmaz Atay , David Aişman, Hana Jirková, María Behulová, Mašek Bohuslav, Int.J. Material Forming, 2015	4	1,978	3,75
16	- II -	Microstructures, Mechanical Properties, and Wear Resistances of Thixoextruded SiCp/WE43 Magnesium Matrix Composites By: Chen, Qiang; Chen, Gang; Han, Fei; et al.	4	1,874	3,75

	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE Volume: 48A Issue: 7 Pages: 3497-3513 Published: JUL 2017			
17 - II -	A calorimetric analysis of the response to heating of EN AW-2014 alloy formed in the liquid, solid and semi-solid states, Y Birol - Thermochimica Acta, 2017 - Elsevier	4	2,236	5
18 - II -	Phase Transformation and Carbide Precipitation of Functional Gradient Semi-solid 9Cr18 Steel, YJ Wang, RB Song, RF Song - Acta Metallurgica Sinica (English Letters) 2018	4	1.292	3,75
19 M Pop, D Frunza, A Neag, Experimental and numerical aspects regarding lead alloy plastic deformation - II -	Influence of micro-pits indentation and palm based-oil on taper die sliding contact surface in cold. International Journal of Precision Engineering and Manufacturing, Volume 17, Issue 7, pp 917–930, 2016	3	1.497	5
20 A Neag, V Favier, R Bigot, HV Atkinson, Analysis by micromechanical modeling on material flow under rapid compression in the semi-solid state	Surface Texturing and Alternative Lubricant: Tribological Study of Tapered Die Sliding Contact Surface in Cold Extrusion Process, MA Nurul, S Syahruddin - Tribology Transactions, 2017 - Taylor & Francis Investigation of rheo-diecasting mold filling of semi-solid A380 aluminum alloy slurry, Liu, Z.-Y., Mao, W.-M., Wang, W.-P. Zheng, Z.-K., Yue, R., International Journal of Minerals, Metallurgy and Materials, Volume 24, Issue 6, 1 June 2017, Pages 691-700	3	1.685	5
21 A Neag, V Favier, R Bigot, HV Atkinson, Comparison between numerical simulation of semisolid flow into a die using FORGE® and in situ visualization using a transparent sided die	Hu, X.G., Zhu, Q., Atkinson, H.V., Lu, H.X., Zhang, F., Dong, H.B., Kang, Y.L., A time-dependent power law viscosity model and its application in modelling semi-solid die casting of 319s alloy, Acta Materialia, Vol 124, Pages 410-420, 2017.	4	0,943	2,5
22 A Neag, V Favier, R Bigot, HV Atkinson, Comparison between numerical simulation of semisolid flow into a die using FORGE® and in situ visualization using a transparent sided die	A calorimetric analysis of the response to heating of EN AW-2014 alloy formed in the liquid, solid and semi-solid states Y Birol - Thermochimica Acta, 2017 - Elsevier	4	5,301	7,5
23 A Neag, V Favier, M Pop, R Bigot, Experimental investigation on 7075 aluminium response during thixoextrusion	A calorimetric analysis of the response to heating of EN AW-2014 alloy formed in the liquid, solid and semi-solid states Y Birol - Thermochimica Acta, 2017 - Elsevier	4	2,236	5

3.1.2 BDI (3 / nr. autori)

	Articol citat	Articol in care este citat	Nr. Autori a articolului citat	Punctaj
1	A Neag, V Favier, R Bigot, M Pop, Microstructure and flow behaviour during backward extrusion of semi-solid 7075 aluminium alloy, Journal of Materials Processing Technology 212 (7), 1472-1480	Rheological behaviour of semi-solid 7075 aluminium alloy in continuously cooling process, LI Ya-geng, MAO Wei-min, ZHU Wen-zhi, s.a., Chinese Journal of Nonferrous Metals, 23(12), pp.3289-3293, 2013	4	0,75
2	- II -	Application of X-Ray Microtomography to Quantify the Liquid Fraction of M2 Steel for Semi-Solid Forming Process, GC Gu, R Pesci, E Becker, L Langlois, Key Engineering Materials, Vol 554 - 557, pag. 547-552, 2013	4	0,75
3	- II -	Metallurgical characterization of thixoforged steel parts for a better controlled manufacturing process, Guochao GU, Doctorat ParisTech THÈSE, 2013	4	0,75
4	- II -	Properties of AlZn10Si8Mg Alloys for High Performances Application, M Rosso, I Peter, CCR Molina, - Light Metals, 2014,	4	0,75
5	- II -	Direct thermal method of aluminium 7075, AH Ahmad, S Naher, D Brabazon Advanced Materials Research, 939, pp. 400-408, 2014	4	0,75
6	- II -	Li Yageng, Mao Weimin, Zhu Wenzhi, Yang Bin, Rheological behavior of semi-solid 7075aluminum alloy at steady state, Research & Development, Vol.11 No.2, China Foundry, 2014	4	0,75
7	- II -	Research of Anti-Extrusion Process for Cylinder of Spray-Formed Ultra-High Strength Aluminum Alloy, S. H. Huang, Z. H. Li, B. Q. Xiong, Y. A. Zhang, X. W. Li, H. W. Liu, F. Wang, P. Sun, Applied Mechanics and Materials, Vols. 633-634, pp. 103-107, 2014	4	0,75
8	- II -	Zoqui, E.J., Comprehensive Materials Processing - Book Chapter- Alloys for Semisolid Processing, www.elsevier.com/books, 2014	4	0,75
9	- II -	Asnul Hadi Bin Ahmad, Effect of temporal thermal field on quality of semi-solid metal formed components, School of Mechanical and Manufacturing Engineering Dublin City University, Thesis, 2015.	4	0,75
10	- II -	Process control of 7075 Al alloy semi-solid slurry by thixoforming SD Gan, GS Gan, HS Wang... - Material Science and Environmental Engineering, Taylor & Francis Group, 2016	4	0,75
11	- II -	Microstructure evolution of semi-solid copper alloy billet during uniaxial compression, Xiao, H., Chen, Z.-B., Li, Y., (..), Zhou, R.-F., Zhou, R., Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals, 26(12), pp. 2537-2545 2017	4	0,75

12	- II -	Effects of lubricants on extrusion load during backward cup extrusion of AA6063, O. M. Ikumapayi, P, B, Mogaji, T.I. Mohammed, S.A. Afolalu, O.L.Rominiyi, B.A. Adaramola, Proceedings of the 2017 Annual Conference of the School of Engineering & Engineering Technology (SEET), The Federal SEET'17, University of Technology, Akure, Nigeria, 11-13 July, 2017.	4	0,75
13	A. Neag, V. Favier, M. Pop, E. Becker, R. Bigot, Effect of Experimental Conditions on 7075 Aluminium Response during Thixoextrusion, Key Engineering Materials Vol 504 - 506,pag 345-350, 2013	Thermal Profiles and Fraction Solid of Aluminium 7075 at Different Cooling Rate Conditions, A. H. Ahmad, S. Naher, D. Brabazon, Key Engineering Materials, Vols. 554-557, pp. 582-595, 2013	5	0,6
14	- II -	Direct Thermal Method of Aluminium 7075, A. H. Ahmad, S. Naher, D. Brabazon, Advanced Materials Research, Vol. 939,pp. 400-408, 2014	5	0,6
15	- II -	Asnul Hadi Bin Ahmad, Effect of temporal thermal field on quality of semi-solid metal formed components, School of Mechanical and Manufacturing Engineering Dublin City University, Thesis, 2015.	5	0,6
16	A Neag A., Favier V., Bigot R., Atkinson H.V., Analysis by micromechanical modeling on material flow under rapid compression in the semi-solid state	Investigation of rheo-diecasting mold filling of semi-solid A380 aluminum alloy slurry, Liu, Z.-Y., Mao, W.-M., Wang, W.-P., Zheng, Z.-K., Yue, R., Int. Journal of Minerals, Metallurgy and Materials , 2017	4	0,75
17	A Neag , V Favier, R Bigot, HV Atkinson, Comparison between numerical simulation of semisolid flow into a die using FORGE® and in situ visualization using a transparent sided die	Application of Multiphase Modelling in Semi-Solid Die Casting: Blister Prediction, XG Hu, Q Zhu, HV Atkinson, M Luo, F Zhang, Solid State Phenomena, Vol. 256, 2016	4	0,75
18	M Pop, Dan Frunza, A Neag , Experimental and numerical aspects regarding lead alloy plastic deformation, Romanian Journal of Technical Sciences–Applied Mechanics 57, 1	Д Господинов, Е Янков, В Гагов, Реологично поведение на олово при аксиално сплескване, НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2014, том 53, серия 2, University of Ruse, Journal of the Union of Scientists in Ruse, http://conf.uni-ruse.bg/bg/docs/cpl14/2/2-29.pdf	3	1
19	- II -	Experimental and Numerical Study of Multi Hole Extrusion Process NV Charuyulu, P Janaki Ramulu, KT Reddy... - Applied Mechanics and Materials, Vol 813-814, pp. 531-535, 2015 - Trans Tech Publ	3	1
20	- II -	A new approach to cold extrusion process: Dimples indentation on sliding contact surface and palm oil as an alternative lubricant MA Nurul, S Syahruail - Scientia Iranica. Transaction B, 2017	3	1
21	M Pop, A Neag , Theoretical considerations on kinematics parameters during dieless drawing.	The Influence of Process Parameters on Non-Conventional Technology in Drawing Cassette Roller Die (Part 1) AM Mihi, IM Sas-Boca, I Marian, DA Ilutiu-Varvara... - Procedia ..., 2016 - Elsevier	2	1,5

22	A V Neag - Cercetări privind obținerea și comportarea la deformare a aliajelor tixotrope de aluminiu, Teza de doctorat 2008	C Mureșan, G Achimăș, Numeric simulation of material behaviour in mandrel bending, ACTA TECHNICA NAPOCENSIS Series: Applied Mathematics, Mechanics, and Engineering, Vol. 57, Issue III, September, 2014	1	3
23	L Nistor, A Neag , I Marian, D Frunza, Experimental and Numerical Simulation Study of Simultaneous Tooththing of Spur Gears by Press-Rolling Process	Research Regarding the Influence of Execution, Assembly and Functioning Errors on the Teeth Profile Modification of Spur Gear in Front Plane M Mera, CS Miron-Borzan - MATEC Web of Conferences, 2017 - matec-conferences.org	4	0,75

3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale și Profesor invitat (exclusiv ERASMUS

Punctaj A 3.2

3.2.1 internationale

1	SEMINAIRE ANNUEL DU LABORATOIRE LCFC, Arts et Métiers ParisTech (ENSAAM), Metz, 01 Dec 2014; prezentare in plenul seminarului, 14h20-14h50: A.Neag ; «Analysis by micromechanical modelling on material flow under rapid compression in the semi-solid state». http://lcfc.ensam.eu/colloques-et-seminaires-119811.kjsp	01.12.2014	8
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3.2.3 Profesor invitat

1	Profesor invitat, Ecole nationale d'ingénieurs de Metz (ENIM), Contract , Activitate didactica – curs + cercetare	noi 2014 (1 luna)	8
2	Profesor invitat, Arts et Métiers ParisTech (ENSAAM Metz) Contract , Activitate didactica – curs + cercetare	noi 2016 (1 luna)	8
3	Profesor invitat, Arts et Métiers ParisTech (ENSAAM Metz) Contract , Activitate didactica – curs + cercetare	mai 2017 (1 luna)	8

3.3 Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice / Recenzor pentru reviste si manifestari stiintifice nationale si internationale

Punctaj A 3.3

3.3.1 ISI

1	Recenzor pentru revista Materials & Designs	Shuang Tian, Zhengong Zhou, New criteria for simulating failure under multiple impacts of the same total energy on glass fiber reinforced aluminum alloy laminates" Volume 102, 15 July 2016, Pages 142–150	5
2	Recenzor pentru revista Rare Metals	Application of Polarized Light Microscopy on the Microstructural Characterization of Semi-Solid Slurry", 2017.	5

3.5 Premii

3.5.4 premii nationale in domeniu

Punctaj A 3.5			
		10	
1	Diploma de excelenta si medalia de aur cu mentiune speciala, Salonul International de Inventica, PRO INVENT 2016 Cluj-Napoca	„S.Breban, P.D. Teodosescu, A. Neag, M. Chirca - Actuator electromecanic cu dispozitiv electronic de comanda”.	5
2	Medalia de Argint a Universitatii Stefan cel Mare din Suceava	„S.Breban, P.D. Teodosescu, A. Neag, M. Chirca - Actuator electromecanic cu dispozitiv electronic de comanda”.	5

Punctaj A3.6

9

3.6 Membru in academii, organizatii, asociatii profesionale de prestigiu, nationale si internationale, apartenența la organizatii din domeniul educatiei si cercetarii

3.6.4.1 Internationale

1	European Scientific Association for Material Forming - ESAFORM	Nationala	DIN 2007	5
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3.6.4.2 Nationale

1	Asociatia Generala a Inginerilor din Romania - AGIR	Nationala	DIN 2004	2
3.6.5 Organizatii in domeniul educatiei si cercetarii				
1	Consiliul Facultatii IMM	Membru	din 2014	2

Conditii minime		Necesar Conferentiar	Realizat de candidat	
A1.	Activitatea didactica si profesionala	30	67,825	
A2.	Activitatea de cercetare	160	318,861	
A3	Recunoasterea si impactul activitatii	60	179,05	
	TOTAL A	250	565,7	

Alte activități în folosul comunității academice:

- Responsabil de ACCORD CADRE DE PARTENARIAT INTERNATIONAL stabilit între Ecole Nationale Supérieure d'Arte et Métiers (Franta) și Universitatea Tehnică din Cluj-Napoca, (2014-2019).
- Membru în Comisia de Admitere la Facultatea IMM în perioada 2011 - 2017
- Membru în Consiliul Facultății IMM din octombrie 2014.
- Membru în Centru de cercetare CERTETA, al UTC-N, Director Acad.Prof.Dr.Ing.Dorel BANABIC
- Membru în comisia de evaluare (dissertatie) « Projet de Fin d'Études » 20.11.2014 – persoana de contact: Ass.Prof.Dr. Sandra Chevret
- – Inginer Ivan CHWETZOFF absolvent ESSA - ECOLE SUPERIEURE DU SOUDAGE ET DE SES APPLICATIONS, Yutz. Subiect : Développement d'équipement pour la pose de pipeline en offshore. Systèmes de refroidissement;
- – Inginier Pierre EVRARD absolvent ESSA - ECOLE SUPERIEURE DU SOUDAGE ET DE SES APPLICATIONS, Yutz. Subiect : Qualification de modes opéatoires de soudage pour ligne de pipeline en « Reeling ».
- Membru în comisia de concurs pe post didactic «sef lucrari dr.ing. Dan Noveanu» (ian. 2016) în cadrul depart. SIM al facultății IMM – UT Cluj-N.
- Indrumarea studentilor în proiecte de licență la Universitatea Tehnică din Cluj-Napoca.
- În 2016-2017 am coordonat la ENSAM Metz un proiect de stagiu masteral (Wendie ZHANG) și două proiecte de bachelorarbeit(Alexandre Forner și Romain BUDA)
- – persoana de contact: dr. Eric Backer.
- Responsabil de dosarul "Terharizarea programelor de studii – Domeniul – Ingineria materialelor" 2011.
- Membru în echipa de realizare a dosarului de acreditare: IPM – Zalau 2012; IPM – Cluj 2013; 2018; EPI – 2015; evaluare periodica IPM – Zalau 2017;

Cluj-Napoca
10.05.2018

Candidat
S.I.Dr.Ing. Adriana NEAG