ANEXA 3b

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PROFESOR

CANDIDAT ŢAPU C. Ruxandra-Georgiana

Condiţii	**Îndeplinire condiţii**	
A. Doctor	**Diploma de Doctor** în domeniul Inginerie Electronică şi Telecomunicaţii Seria H, Nr. 0000299 din 09.01.2012 emisă de Universitatea Politehnica din Bucureşti **Diplomă de Doctor** specializarea Informatică din 07.12.2012, Nr. INTEVRY 5188854, emisă de Universitatea Pierre et Marie Curie (Paris 6) în cotutelă cu Telecom SudParis.	
B. Îndeplinirea standardelor minime naţionale conform OMECTS nr. 6129/20.12.2016; MO, I, 123/15.02.2017 **[Conferenţiar, Comisia CNATDCU nr. 11]**	Standarde îndeplinite, conform Comisiei CNATDCU Nr.11, Comisia de Electronică, Telecomunicații și Nanotehnologie. Anexată: Fişa de calcul si de susţinere a îndeplinirii standardelor minimale specifice domeniului, în acord cu realizările menționate:	
Condiţii minimale [Punctaj]	**Minim prevăzut**	**Realizat**
A1. Activitatea didactică şi profesională	100	**112.5**
A2. Activitatea de cercetare	600	**943.45**
A3. Recunoașterea şi impactul activităţii	150	**727.9**
TOTAL (A)	**850**	**1783.85**
Condiţii minimale obligatorii pe subcategorii [Număr]	**Minim prevăzut**	**Realizat**
A1.1.1 - A1.1.2. Cărţi şi capitole în cărţi de specialitate	1	**4**
A2.1. Articole in reviste cotate ISI si in volumele unor manifestări ştiinţifice indexate ISI proceedings	15 / minim 3 in reviste cotate Q1 sau Q2	**44 / 8**
A2.4.1. Granturi/proiecte câştigate prin competiţie (Director/responsabil)	2	**5**
A3.1.1 - A3.1.2 Număr de citări în cărţi, reviste şi volume ale unor manifestări ştiinţifice ISI(WOS)	25	**175**
Factor de impact cumulat pentru publicatii	10	**35.584**
C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale	**Diploma de Licenţă**, în domeniul Inginerie Economică Nr, 4366 din 27.06.2008 emisă de Universitatea Politehnica din Bucureşti, Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei **Supliment la diploma de inginer**: Seria G, Nr. 4366. **Media anilor de studii: 10.00** **Media examenelor de diplomă: 10.00**	
	Atestare studii psihopedagogice Certificat de absolvire Nr. 0044472 din data 14.12.2010, Departamentul pentru pregătirea personalului didactic, Nivelul I; Certificat de absolvire Nr. 0044550 din data 14.12.2010, Departamentul pentru pregătirea personalului didactic, Nivelul II; _____ **Alte Acte de atestare a studiilor/realizarilor profesionale**..... ……	

Subsemnata ŢAPU C. Ruxandra-Georgiana, Departam. de .Telecomunicaţii Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei, din Domeniul de Studii Univ. Telecomunicaţii, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/2016] Nr. 11., Electronică, Telecomunicaţii şi Nanotehnologie, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declaraţii, din Legea 286/2009 - Codul Penal, ca sunt indeplinite toate Standardele minimale prevazute de Metodologia UPB 2017 pentru susţinerea tezei de abilitare si OMECTS 6129/2016 [C + P], in momentul inscrierii la concurs, si sustin veridicitatea informatiilor prezentate in dosar si in materialul de mai sus. Lucrările considerate a fi incluse in Baza ISI Thomson Reuters sau in alte Baze de Date Internationale [BDI] sunt vizibile in aceste baze, in dreptul numelui candidatului, la aceasta data.

Candidat, **Data**
ŢAPU C. Ruxandra Georgiana **22.06.2020**

ÎN CONTINUARE: Fişa de calcul si de susţinere a îndeplinirii standardelor minimale specifice domeniului, în acord cu realizările menționate

A1	Activitatea didactică şi profesională (A1)	112.5

A1.1.1.	Cărţi şi capitole în cărţi de specialitate în edituri recunoscute internaţionale [100 pct publicaţie / nr autori]	
1	**R. Tapu** and T. Zaharia - "Video Segmentation and Structuring for Indexing Applications", in Multimedia Data Engineering Applications and Processing, IGI-Global printing House, Hershey, PA, USA, Eds. Shu-Ching Chen and Mei-Ling Shyu, ISBN: 978-1-4666-2940-0, vol. 2, pp. 205-225, 2011. doi: http://dx.doi.org/10.4018/978-1-4666-2940-0.ch011	12.5
	Total A 1.1.1	**12.5**

A1.1.2.	Cărţi şi capitole în cărţi de specialitate în edituri recunoscute naţionale [50 pct publicaţie / nr autori]	
1	**R. Tapu**, B. Mocanu: - „Sisteme de compresie şi codare video", Editura Politehnica Press, ISBN: 978-606-515-506-0, 118 pagini, 2013.	25
2	B. Mocanu, **R. Tapu** - „Reţele de comunicaţii şi sisteme multimedia", Editura Politehnica Press, ISBN: 978-606-515-380-6, 194 pagini, 2012.	25
3	E. Tapu, B. Mocanu, **R. Tapu** – „Design și procesare imagistică", Editura Cavallioti, ISBN: 978-606-551088-3, 259 pagini, 2017.	16,67
	Total A 1.1.2	**66,67**

A1.2.1.	A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN (Manuale didactice) [40 pct / nr. autori]	
1	**R. Tapu**, B. Mocanu, „Compresia semnalelor multimedia", Editura Cavallioti, ISBN: 978-606-551100-2, 79 pagini, 2018.	20
2.	D. Ciurea, M. Răducanu, **R. Tapu** – „Tehnici şi sisteme de transmisiuni multiplex" – Lucrări de seminar şi îndrumar de laborator, Constanţa, Editura Nautică, ISBN 978-606-6810-27-2, 2014.	13.33
	Total A 1.2.1	**33.33**

A2	Activitatea de cercetare (A2)	943.45

A2.1.	Articole în reviste cotate şi în volumele unor manifestări ştiinţifice indexate ISI proceedings [(25 pct + 30 pct * factor impact) / nr. de autori]	Nr. autori	Factor de impact [la data depunerii dosarului]*	Punctaj
1	**R. Tapu**, B. Mocanu and T. Zaharia, "DEEP-AD: A Multimodal Temporal Video Segmentation Framework for Online Video Advertising," in IEEE Access, vol. 8, pp. 99582-99597, 2020, http://dx.doi.org/10.1109/ACCESS.2020.2997949. **WOS**:. (**Q1** - în anul publicării 2020; Domeniul: Computer science, information systems)	3	4.098	49.31
2	**R. Tapu**, B. Mocanu, T. Zaharia:" DEEP-HEAR: A Multimodal Subtitle Positioning System Dedicated to Deaf and Hearing-Impaired People," in IEEE Access, vol. 7, pp. 88150-88162, 2019. http://dx.doi.org/10.1109/ACCESS.2019.2925806, **WOS:**000476810500044 (**Q1** - în anul publicării 2019; Domeniul: Computer science, information systems)	3	4.098	49.31
3	B. Mocanu, **R. Tapu**, T. Zaharia: „Design of a CNN Face Recognition System Dedicated to Blinds", 2019 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, NV, USA, pp. 1-2, 2019, http://dx.doi.org/10.1109/ICCE.2019.8661933, **WOS**: 000462912600043.	3	0.25	10.83
4	**R. Tapu**, B. Mocanu, T. Zaharia: „Face Recognition in Video Streams for Mobile Assistive Devices Dedicated to Visually Impaired", 14th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS), Las Palmas de Gran Canaria, Spain, pp. 137-142, 2018, http://dx.doi.org/ 10.1109/SITIS.2018.00030, **WOS**: 000469258400019	3	0.25	10.83
5	B. Mocanu, **R. Tapu**, T. Zaharia:"DEEP-SEE FACE: A Mobile Face Recognition System Dedicated to Visually Impaired People," in IEEE Access, vol. 6, pp. 51975-51985, 2018. http://dx.doi.org/10.1109/ACCESS.2018.2870334, **WOS**: 000447704600001 (**Q1** - în anul publicării 2018; Domeniul: Computer science, information systems)	3	4.098	49.31
6	**R. Tapu**, B. Mocanu, T. Zaharia, "Wearable assistive devices for visually impaired: A state of the art survey", *Pattern Recognition Letters* 2018, http://dx.doi.org/10.1016/j.patrec.2018.10.031, **WOS**:. (**Q2** – in anul publicarii 2018; Domeniul: Computer Science, Artificial Intelligence)	3	2.81	36.43
7	D. Taralunga, B. Mocanu, **R. Tapu**, "Automatic real time derivation of breathing rate from thermal video sequences", European Medical and Biological Engineering Conference - Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (EMBEC 2017), pp. 81-84, 11-15 Iunie 2017, Tampere, Finlanda. DOI: https://doi.org/10.1007/978-981-10-5122-7_21. **WOS**: 000449778900021	4	0.25	8.12
8	**R. Tapu**, B. Mocanu, T. Zaharia: "DEEP-SEE: Joint Object Detection, Tracking and Recognition with Application to Visually Impaired Navigational Assistance" Sensors (Basel). 28.10.2017; vol. 17(11), pp. 1-24, DOI: http://dx.doi.org/10.3390/s17112473, **WOS**:000416790500035, (**Q1** – in anul publicarii 2017; Domeniul: Instruments & Instrumentation)	3	3.031	38.64
9	B. Mocanu, **R. Tapu** and T. Zaharia, "Single object tracking using offline trained deep regression networks," 2017 Seventh International Conference on Image Processing Theory, Tools and Applications (IPTA), Montreal, QC, pp. 1-6, 2017. DOI: http://dx.doi.org/10.1109/IPTA.2017.8310091, **WOS**:000428743900015.	3	0.25	10.83

10	B. Mocanu, **R. Tapu**, T. Zaharia, "Automatic Extraction of Story Units from TV News", 35th edition of the IEEE International Conference on Consumer Electronics (ICCE 2017), pp. 414-415, 8-11 Ianuarie 2017, Las Vegas, SUA. DOI: http://dx.doi.org/10.1109/ICCE.2017.7889377; **WOS**:000403392300172	3	0.25	10.83
11	B. Mocanu, **R. Tapu**, T. Zaharia, "Seeing without sight – An automatic cognition system dedicated to blind and visually impaired people", International Conference on Computer Vision (ICCV 2017) Workshops, pp. 1452-1459, 22-29 Octombrie 2017, Venetia, Italia. DOI: http://dx.doi.org/10.1109/ICCVW.2017.172; **WOS**:000425239601056	3	0.75	15.83
12	**R. Tapu**, B. Mocanu, T. Zaharia, "A computer vision-based perception system for visually impaired", Multimedia Tools and Applications, pp. 1-37, 2017, DOI: http://dx.doi.org/10.1007/s11042-016-3617-6; **WOS**:000400845000037. (**Q2** – in anul publicarii 2017; Domeniul: Computer Science, Software Engineering)	3	2.101	29.34
13	B. Mocanu, **R. Tapu**, T. Zaharia, „Object tracking using deep convolutional neural networks and visual appearance models", in Advanced Concepts for Intelligent Vision Systems (ACIVS 2017), Editors: J. Blanc-Talon, D. Popescu, W. Philips and P. Scheunders, pp. 439-450, 2017, DOI: https://doi.org/10.1007/978-3-319-70353-4_10. (**BDI**: Springerlink), **WOS**: 000463335100010	3	0.42	12.53
14	B. Mocanu, D. Taralunga, **R. Tapu**, E. Tapu, "Respiratory rate estimation using nostril detection in thermal video streams", E-Health and Bioengineering Conference (EHB 2017), pp. 201-204, 22-24 Iunie 2017, Sinaia, Romania. DOI: https://doi.org/10.1109/EHB.2017.7995396, **WOS**: 000445457500051	4	0.25	8.12
15	B. Mocanu, **R. Tapu**, T. Zaharia, "Using computer vision to see", European Conference on Computer Vision (ECCV), in Springer International Publishing Switzerland 2016, G. Hua and H. Jegou (Eds.): Part II, LNCS 9914, pp. 375-390, 2016, ISBN: 978-3-319-48880-6; DOI: http://dx.doi.org/10.1007/978-3-319-48881-3_26; **WOS**:000389501700026.	3	0.75	15.83
16	B. Mocanu, **R. Tapu** and T. Zaharia, "Automatic segmentation of TV News into stories using visual and temporal information", in Springer Berlin Heidelberg, Advances in Visual Computing, LNCS – Lecture Notes in Computer Science, Editors: Blanc-Talon, J., Distante, C., Philips, W., Popescu, D., Scheunders, P., vol. I, pp. 648-660, 2016, ISBN 978-3-319-48680-2; DOI: http://dx.doi.org/10.1007/978-3-319-48680-2_57. **WOS**: 000390177400057	3	0.42	12.53
17	B. Mocanu, **R. Tapu**, T. Zaharia, "Image re-ranking using graph based spanning structures and reciprocal nearest neighbors", 34th edition of the International Conference on Consumer Electronics(ICCE 2016), pp. 437-438, ISSN: 2158-4001, DOI: https://doi.org/10.1109/ICCE.2016.7430681, 7-11 Ianuarie 2016, Las Vegas, SUA. **WOS**:000386327000183	3	0.25	10.83
18	B. Mocanu, **R. Tapu** and E. Tapu, "Video retrieval using relevant topics extraction from movie subtitles," 2016 12th IEEE International Symposium on Electronics and Telecommunications (ISETC), Timisoara, pp. 327-330, 2016; IEEE Xplore, ISBN: 978-1-5090-3748-3, DOI: http://dx.doi.org/10.1109/ISETC.2016.7781123, **WOS**:000390717800073	3	0.25	10.83
19	**R. Tapu**, B. Mocanu, T. Zaharia, "TV News Retrieval based on Story Segmentation and Concept Association", The 12th International Conference on Signal Image Technology and Internet based Systems (SITIS 2016), 28 Noiembrie - 1 Decembrie 2016, Naples, Italy, pp. 327-334, ISBN: 978-1-5090-5698-9, DOI: http://dx.doi.org/10.1109/SITIS.2016.60, **WOS**:000406473000051	3	0.25	10.83
20	B. Mocanu, **R. Tapu**, T. Zaharia, "When Ultrasonic Sensors and Computer Vision Join Forces for Efficient Obstacle Detection and Recognition", Sensors, 16(11):1807, pp. 1-23, 2016, ISSN 1424-8220, DOI: http://dx.doi.org/10.3390/s16111807; **WOS**:000389641700040. (**Q1** – in anul publicarii 2016; Domeniul: Instruments & Instrumentation)	3	3.031	38.64
21	B. Mocanu, **R. Tapu** and T. Zaharia, "An Obstacle Categorization System for Visually Impaired People", 11th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS), Thailand, Bangkok, pp. 147-154, 2015. ISBN: 978-1-4673-9721-6, DOI: http://dx.doi.org/10.1109/SITIS.2015.58; **WOS**:000380406500023	3	0.25	10.83
22	**R. Tapu**, B. Mocanu, T. Zaharia, "ALICE: A smartphone assistant used to increase the mobility of visual impaired people", Journal of Ambient Intelligence and Smart Environments, vol. 7, no. 5, pp. 659-678, 2015, ISSN: 1876-1364, DOI: http://dx.doi.org/10.3233/AIS-150336, **WOS**:000361063200006 (**Q2** – in anul publicarii 2015; Domeniul: Computer Science, Information Systems)	3	1.063	18.97
23	**R. Tapu**, B. Mocanu, T. Zaharia, "Automatic Assistant for Better Mobility and Improved Cognition of Partially Sighted Persons," Advances in Electrical and Computer Engineering, ISSN: 1582-7445, vol.15, no.3, pp.45-52, 2015, DOI: http://dx.doi.org/10.4316/AECE.2015.03006; **WOS**:000360171500006.	3	0.661	14.94
24	B. Mocanu, **R. Tapu**, T. Zaharia, "3D Object Metamorphosis with Pseudo Metameshes," Advances in Electrical and Computer Engineering, ISSN: 1582-7445, vol.15, no.1, pp.115-122, 2015, DOI: http://dx.doi.org/10.4316/AECE.2015.01016; **WOS**:000352158600016.	3	0.661	14.94
25	B. Mocanu, **R. Tapu** and T. Zaharia, "Efficient graph spanning structures for large database image retrieval," 2015 3rd IAPR Asian Conference on Pattern Recognition (ACPR), Kuala Lumpur, 2015, pp. 594-598. ISSN: 2327-0985, DOI: http://dx.doi.org/10.1109/ACPR.2015.7486572; **WOS**:000389269300119.	3	0.25	10.83
26	B. Mocanu, **R. Tapu** and T. Zaharia, "An outdoor cognition system integrated on a regular smartphone device", E-Health and Bioengineering Conference (EHB), Iasi, Romania, pp. 1-4, 2015. ISBN: 978-1-4673-7545-0, DOI: http://dx.doi.org/10.1109/EHB.2015.7391375;	3	0.25	10.83

	WOS:000380397900028			
27	**R. Tapu**, B. Mocanu, T. Zaharia - "Real time static/dynamic obstacle detection for visually impaired persons", IEEE International Conference on Consumer Electronics (ICCE), pp. 394 - 395, 10-13 Jan. 2014, ISSN: 2158-4001, DOI: http://dx.doi.org/10.1109/ICCE.2014.6776055, **WOS**:000352510400174	3	0.25	10.83
28	**R. Tapu**, B. Mocanu, E. Tapu – "Automatic extraction of salient objects in 3D stereoscopic videos", 11th International Symposium on Electronics and Telecommunications (ISETC), ISBN: 978-1-4799-7265-4/14, pp. 249-252, Timişoara, Romania, Noiembrie 2014; DOI: http://dx.doi.org/10.1109/ISETC.2014.7010794; **WOS**:000366633300058	3	0.25	10.83
29	**R. Tapu**, B. Mocanu, E. Tapu – "A survey on wearable devices used to assist the visual impaired user navigation in outdoor environments", 11th International Symposium on Electronics and Telecommunications (ISETC), ISBN: 978-1-4799-7265-4/14, pp. 245-248, Timişoara, Romania, Noiembrie 2014; DOI: http://dx.doi.org/10.1109/ISETC.2014.7010793; **WOS**:000366633300057	3	0.25	10.83
30	B. Mocanu, **R. Tapu**, E. Tapu – "Mesh deformation with hard constraints", International Symposium on Signals, Circuits and Systems (ISSCS), pp. 1-4, Iasi, 11-12 July 2013; ISBN: 978-1-4673-6143-9, DOI: http://dx.doi.org/10.1109/ISSCS.2013.6651208; **WOS**:000337926700041	3	0.25	10.83
31	**R. Tapu**, B. Mocanu, E. Tapu – "Automatic scene/DVD chapter extraction in Hollywoodian movies", International Symposium on Signals, Circuits and Systems (ISSCS), pp. 1-4, Iasi, 11-12 July 2013; ISBN: 978-1-4673-6143-9, DOI: http://dx.doi.org/10.1109/ISSCS.2013.6651209; **WOS**:000337926700042	3	0.25	10.83
32	**R. Tapu**, T. Zaharia - "Salient object detection based on spatiotemporal attention models", IEEE International Conference on Consumer Electronics (ICCE), ISBN: 978-1-4673-1363-6, pp. 41-44, Las Vegas, Nevada, Ianuarie 2013, http://dx.doi.org/10.1109/ICCE.2013.6486786;**WOS**:000318797800018	2	0.25	16.25
33	**R. Tapu**, B. Mocanu, T. Zaharia - "A computer vision system that ensure the autonomous navigation of blind people", E-Health and Bioengineering Conference (EHB), pp.1- 4, 21-23 Nov. 2013; ISBN: 978-1-4799-2373-1, DOI: http://dx.doi.org/10.1109/EHB.2013.6707267; **WOS**:000346672900035	3	0.25	10.83
34	**R. Tapu**, B. Mocanu, A. Bursuc, T. Zaharia - "A Smartphone-Based Obstacle Detection and Classification System for Assisting Visually Impaired People", International Conference On Computer Vision ICCV Workshops, pp.444 - 451, 1-8 Dec. 2013; ISBN: 978-1-4799-3022-7, DOI: http://dx.doi.org/10.1109/ICCVW.2013.65; **WOS**:000349847200061	4	0.75	11.88
35	**R. Tapu**, B. Mocanu, E. Tapu – "Salient Object Detection in Video Streams", 10th International Symposium on Electronics and Telecommunications (ISETC 2012), ISBN: 978-1-4673-1176-2, pp. 275-278, Timişoara, Romania, Noiembrie 2012; DOI: http://dx.doi.org/10.1109/ISETC.2012.6408089; **WOS**:000318702700064	3	0.25	10.83
36	**R. Tapu**, T. Zaharia - "Video Structuring: From Pixels to Visual Entities", 20th European Signal Processing Conference (EUSIPCO-2012), pp. 1583-1587, Bucharest, 27-31 August 2012; **WOS**:000310623800318	2	0.25	16.25
37	B. Mocanu, **R. Tapu**, T. Petrescu and E. Tapu, "An experimental evaluation of 3D mesh decimation techniques", 10-th International Symposium on Signals, Circuits and Systems, ISSCS 2011, ISBN: 978-1-4577-0201-3, pp. 35-38, Iaşi, Romania, 2011; DOI: http://dx.doi.org/10.1109/ISSCS.2011.5978647; **WOS**:000337925400009	4	0.25	8.13
38	**R. Tapu**, B. Mocanu, M. Raducanu and T. Petrescu, "Multiresolution median filtering based video temporal segmentation", 10-th International Symposium on Signals, Circuits and Systems, ISSCS 2011, ISBN: 978-1-4577-0201-3, pp. 47-50, Iasi, Romania, 2011; DOI: http://dx.doi.org/10.1109/ISSCS.2011.5978651; **WOS**:000337925400012	4	0.25	8.13
39	**R. Tapu** and T. Zaharia – „Scene change detection with temporally constrained clustering", 3rd International Conference on Future Computer and Communications – ICFCC, ISBN: 978-0-7918-5971-1, pp. 71-76, Iasi, Romania, 3-5 June 2011; **WOS**:000320410200011	2	0.25	16.25
40	**R. Tapu**, E. Tapu, B. Mocanu and E. Dragulanescu, "A survey of the low-level descriptors used for content based multimedia retrieval", Metalurgia International ISSN: 1582-2214, vol. 14, pp. 12-15, 2009; Revistă ISI in anul publicării 2009 **WOS**:000270962400002	4	0.148	7.36
41	B. Mocanu, E. Tapu, **R. Tapu** and E. Dragulanescu, "A complete survey of the 3D shape methods representation", Metalurgia International 2009, ISSN: 1582-2214, vol. 14, pp. 16-20, 2009; Revistă ISI in anul publicării 2009 **WOS**:000270962400003 –	4	0.148	7.36
42	E. Tapu, **R. Tapu** and I. Simion, "Simulation techniques of the contact resistance in adhesive conductors", Metalurgia International 2009, ISSN: 1582-2214, vol. 14(5), pp. 45-51, 2009; Revistă ISI in anul publicării 2009, **WOS**:000265002400008.	3	0.148	9.81
43	E. Tapu, **R. Tapu**, B. Mocanu and E. Dragulanescu, "Researches on maximizing the generated power of a nanosatellite solar panels", Metalurgia International 2009, ISSN: 1582 2214, vol. 14(6), pp. 57-62, 2009; Revistă ISI in anul publicării 2009, **WOS**:000265002600011	4	0.148	7.36
44	B. Mocanu, M. Burlacu, J. Kohlenberg, M. Prathaban, P. Lorenz and **R. Tapu**, "Determining optimal orbital path of a nanosatellite for efficient exploitation of the solar energy captured", First International Conference on Advances in Satellite and Space Communications – SPACOMM 2009 (ISI), ISBN: 978-0-7695-3694-1, pp. 128 133, Colmar, France, 20-25 July 2009; DOI: http://dx.doi.org/10.1109/SPACOMM.2009.23; **WOS**:000278100200024	6	0.25	5.42
	Total A 2.1	**711.1**		

*Se considera factorul de impact ISI al revistei valabil în anul publicării sau la data depunerii dosarului. Pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0,25. Se consideră factorul de impact echivalent 0,75 pentru volumele conferințelor internaționale de top (cele de nivel 2 sau mai mare din lista agreată de comisia CNATDCU și indicată în nota de subsol 10.

A2.2.	Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale [20 pct /nr.autori]	Nr. autori	Punctaj
1	B. Mocanu, **R. Tapu** and T. Zaharia, "Enhancing the Accessibility of Hearing Impaired to Video Content through Fully Automatic Dynamic Captioning," 2019 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2019, pp. 1-4, http://dx.doi.org/10.1109/EHB47216.2019.8970038. (**BDI**: IEEE Xplore)	3	6.67
2	**R. Tapu**, B. Mocanu and T. Zaharia, "Dynamic Subtitles: A Multimodal Video Accessibility Enhancement Dedicated to Deaf and Hearing Impaired Users," 2019 IEEE/CVF International Conference on Computer Vision Workshop (ICCVW), Seoul, Korea (South), 2019, pp. 2558-2566, http://dx.doi.org/10.1109/ICCVW.2019.00313. (**BDI**: IEEE Xplore)	3	6.67
3	**R. Tapu**, B. Mocanu, E. Tapu and T. Petrescu, "Structure from motion using unordered sets of images", Scientific Bulletin, Series C on Electrical Engineering and Computer Science, University „Politehnica" of Bucharest, ISSN 2286-3540, vol.77(4), pp. 155 – 166, 2015 http://www.scientificbulletin.upb.ro/rev_docs_arhiva/fulld91_154176.pdf . (**BDI**: Scopus)	4	5.00
4	**R. Tapu**, T. Zaharia - "A complete framework for temporal video segmentation", The 1st International Conference on Consumers Electronics, ICCE-2011, ISBN: 978-1-4577-0234-1, pp. 156-160, Berlin, Germany, 2011; IEEE Xplore, doi: http://dx.doi.org/10.1109/ICCE-Berlin.2011.6031875 (**BDI**: IEEE Xplore)	2	10.00
5	**R. Tapu**, B. Mocanu and T. Petrescu, - "A Complete Framework For Video Temporal Segmentation", Scientific Bulletin, Series C on Electrical Engineering and Computer Science, University „Politehnica" of Bucharest, ISSN 1454-234, vol.73(4), pp. 235 – 246, 2011. http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full29698.pdf. (**BDI**: Scopus)	3	6.67
6	**R. Tapu** and T. Zaharia, "Automatic Multilevel Temporal Video Structuring," 2011 IEEE Fifth International Conference on Semantic Computing, Palo Alto, CA, 2011, pp. 387-394, IEEE Xplore, http://dx.doi.org/10.1109/ICSC.2011.39 (**BDI**: IEEE Xplore)	2	10.00
7	B. Mocanu, **R. Tapu** and T. Petrescu, - "Open 3D Mesh Parameterization Based On Edge Ratio Preservation", Scientific Bulletin, Series C on Electrical Engineering and Computer Science, University „Politehnica" of Bucharest, ISSN 1454-234, vol.73 (4), pp. 169 – 180, 2011; http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full96570.pdf . (**BDI**: Scopus)	3	6.67
8	**R. Tapu**, T. Zaharia and F. Preteux, - "A scale-space filtering-based shot detection algorithm", IEEE 26th Convention of Electrical and Electronics Engineers in Israel, ISBN: 978-1-4244-8682-3, pp.919-923, Eilat, Israel, 2010; IEEE Xplore, http://dx.doi.org/10.1109/EEEI.2010.5661943 (**BDI**: IEEE Xplore)	3	6.67
	Total A 2.1	**58.35**	

A2.3.1.	Proprietate intelectuală, brevete de invenţie, certificate ORDA, internaţionale [35 pct /nr.autori]	Nr. autori	Punctaj
	Total A 2.3.1	**0.00**	

A2.3.2.	Proprietate intelectuală, brevete de invenţie, certificate ORDA, naţionale [25 pct /nr.autori]	Nr. autori	Punctaj
	Total A 2.3.1	**0.00**	

A2.4.1.1.	Granturi / proiecte internaţionale câştigate prin competiţie - Director de proiect /Responsabil de partener [20 * ani in desfăşurare]	Nr. ani	Punctaj
	Proiect FUI Fonds National pour la société Numérique - "*Subtil - Amélioration automatisée des services d'accessibilité en multimédia* " proiect de cercetare colaborativ sustinut prin programul francez Pôle de compétitivité Cap Digital, Programme d'Investissement d'Avenir, 2017 -2019, Coodonat de: France Television., Buget: 1.625 k€, *Responsabil de partener* (Coodonator al echipei de cercetare a partenerului Institute Mines-Telecom/Telecom SudParis): ŢAPU Ruxandra.	**3**	**60**
	Total A2.4.1.1.	**60.00**	

A2.4.1.2.	Granturi / proiecte naţionale câştigate prin competiţie - Director de proiect / Responsabil de partener [10 * ani in desfăşurare	Nr. ani	Punctaj
1	Proiect UEFSCDI Resurse Umane (TE) - " Sistem multimodal de îmbunătăţire a accesibilităţii la documente multimedia dedicat persoanelor cu deficienţe de auz – SMART-VIEW", PN-III-P1-1.1-TE-2019-0420, Coordonator Universitatea Politehnica Bucuresti, Buget: 450000Ron, *Director de proiect*: ŢAPU Ruxandra https://uefiscdi.gov.ro/resource-829127-te2019_rezultate-preliminare_informatica.pdf?&wtok=&wtkps=XU9bDs1wDLtLvmE0LVPb7IcTICROUNYNCozCVhjStLvTVUg8vuI4tpMYkjR0JAg6Z6GISBMc2qb2R/7subx54UzY3S66P5pmLjDg/jRXrQpMT3IkcFPlBEv9BqsAhYmTIY2b7yZqHSlkuhjHtLW03UQJmU9hksDa62WzXQjJuOKK5SqFRuuHmXHEXCAKFQmEPLnWfx5kBL/CeFpfpR8jary9n6vMt/vsXtWuK63LHq7qM9MGV/ozFOML&wchk=2da6ee573a9da33d5766de09fe45c65490874b52	2	20.00
2	Proiect UEFSCDI Resurse Umane (TE) - "Sistem inteligent de navigaţie în mediul exterior destinat persoanelor cu dizabilităţi vizuale - SEE", PN-II-RU-TE-2014-4-0202, Coordonator Universitatea Politehnica Bucuresti, Buget: 122000 euro, *Director de proiect*: ŢAPU Ruxandra https://uefiscdi.gov.ro/userfiles/file/PN%20II_RU_TE%202014/REZULTATE%20FINALE_PROIECTE%20ACCEPTATE%20LA%20FINANTARE/RUTE_2014_Lista%20proiecte%20acceptate%20la%20finantare_Matematica.pdf	2	20.00

3	Excellence Research Grants Program, UPB – GEX. Identifier: UPB–EXCELENȚĂ–2017 Research project: „Autonomous obstacle detection and recognitions system based on deep convolutional neural networks dedicated to visually impaired people", Buget: 22000Ron, Nr. 40/25.09.2017, *Director de proiect*: ȚAPU Ruxandra https://upb.ro/wp-content/uploads/2017/11/Rezultate_Finale_UPB-GEX2017-final.pdf	1	10.00
4	Proiect UEFSCDI Resurse Umane (MCD) – „Automatic caption synchronization and positioning", PN-III-P1-1.1-MCD-2019-0157, Coordonator Universitatea Politehnica Bucuresti, Buget: 4600Ron, *Director de proiect*: ȚAPU Ruxandra https://uefiscdi.gov.ro/resource-826519?&wtok=&wtkps=XY1BDoIwEEXvMmvBTptSGO5gTDxBoRWbgEWw1sR4d0s3RlfzM3nvf00VvVYSBKsz0KZUEaBUmnOMgSnbTU3oVGB4KUwYtJ+LZ7wZ1mwsErjtcgLJs0zQmxVal2qaDVAExszX42kvFOM1r5mss5HU72fHEaVAFChyrczW4c9BRvALpt1o825KkzdhtKVfhjLYs1t748qHs7HUy931foT2/QE=&wchk=631a30c6490bfed476800e204741ff96eb814d1e	0.1	1.00
	Total A2.4.1.1.	**51.00**	

A2.4.2.1.	**Granturi / proiecte internaţionale câştigate prin competiţie – Membru în echipă [4 * ani in desfăşurare**	**Nr. ani**	**Punctaj**
1	"GaVPro Developing a Galileo Vector Processing Receiver for Difficult Signal Conditions" - Contract de cercetare internaţional finantat de ESA, Nr: 4000114741/15/NL/ MM_EGEP ID 89.29	2	8.00
2	"AlgoFab - Ecosystème de Services pour la Valorisation d'Algorithmes de Traitement de Contenus Multimédia", - membru în proiect de cercetare colaborativ sustinut prin programul francez de cercetare Investissements d'Avenir, Développement de l'Economie Numérique, Informatique en nuage	2.5	10.00
3	„Smart City + - Plateforme numérique de services d'hyperproximité" - membru în proiect de cercetare colaborativ sustinut de Uniunea Europeană prin programul de Competitivitate şi Inovare	2	8.00
4	"ALICE (Assistance for Better Mobility and Improved Cognition of Elderly Blind and Visually Impaired)" - membru în proiect de cercetare colaborativ sustinut prin programul european AAL (Ambient Assisted Living) - AAL-2011-4-099	2.5	10.00
5	„MultiXE/MNEMOS - Multimédia numérique enrichi multi-modal optimisé et sémantique" – membru în cadrul laboratorului comun UBIMEDIA stabilit între Institut Mines-Télécom France şi Alcatel Lucent Bell Labs France.	1	4.00
6	„3D-LIVE" – membru în proiect de cercetare colaborativ sustinut prin programul francez FUI7 (Fonds Unique Interministériel).	1	4.00
7	"Media4DPlayer" - membru în proiect de cercetare colaborativ sustinut prin programul francez FUI7 (Fonds Unique Interministériel), BPI si Regiunea Ile-de-France.	2	8.00
	Total A2.4.2.1.	**52.00**	

A2.4.2.2.	**Granturi / proiecte naţionale câştigate prin competiţie – Membru în echipă [2 * ani in desfăşurare**	**Nr. ani**	**Punctaj**
1	" Expertiza store tehnico (stare metal) a recipientelor scadente ISCIR din cadrul CET Bucuresti Vest in vederea autorizarii functionarii de către ISCIR", Contract în cadrul PNCD II - l2/08.ll.20l1	2	4.00
2	Excellence Research Grants Program, UPB – GEX. Identifier: UPB–EXCELENȚĂ–2016 Research project: „Sistem autonom cu abilităţi cognitive de asistare a deplasării autovehiculelor inteligente", Nr. 97/26.09.2016.	1	2.00
3	POSDRU/159/1.5/S/132395 - InnoRESEARCH - Burse doctorale si postdoctorale în sprijinul inovării şi competitivităţii în cercetare" am participat, în calitate de cercetător postdoctoral.	1.5	3.00
4	POSDRU/86/1.2/S/61810 - Proiect de cercetare - PROMISE „Sistem integrat de programe de masterat în domeniul ingineriei de sunet, imagine şi al aplicaţiilor multimedia" în calitate de expert clasa A.	1	2.00
	Total A2.4.2.2.	**11.00**	

A3	**Recunoaşterea şi impactul activităţii (A3)**	**727.9**

A3.1.1.	**Citări în cărţi, reviste şi volume ale unor manifestări ştiinţifice ISI [8 pct /nr. autori citaţi]. Se dubleaza punctajul daca citarea provine dintr-o revista cotata ISI aflata printre primele 50% in cadrul subdomeniului de acreditare ISI din punct de vedere al factorului de impact (zonele Q1 – Q2 în notaţia ISI)**	**Nr. autori citaţi**	**Punctaj**
	B. Mocanu, **R. Tapu** and T. Zaharia, "Automatic segmentation of TV News into stories using visual and temporal information", in Springer Berlin Heidelberg, Advances in Visual Computing, LNCS – Lecture Notes in Computer Science, Editors: Blanc-Talon, J., Distante, C., Philips, W., Popescu, D., Scheunders, P., vol. I, pp. 648-660, ISBN 978-3-319-48680-2, 2016; http://dx.doi.org/10.1007/978-3-319-48680-2_57. **WOS**: 000390177400057		
1	Qu, B., Vallet, F., Carrive, J: „Content-based unsupervised segmentation of recurrent TV programs using grammatical inference". Multimed Tools Appl (2017) 76: 22569. https://doi.org/10.1007/s11042-017-4816-5 1-29; **WOS**:000412748200035. **Q2**	3	5.33
	R. Tapu, B. Mocanu, E. Tapu – "A survey on wearable devices used to assist the visual impaired user navigation in outdoor environments", 11th International Symposium on Electronics and Telecommunications (ISETC), ISBN: 978-1-4799-7265-4/14, pp. 245-248, Timişoara, Romania, Noiembrie 2014; http://dx.doi.org/10.1109/ISETC.2014.7010793; **WOS**: 000366633300057		
1	Raees, M., Ullah, S. THE-3DI: Tracing head and eyes for 3D interactions. Multimed Tools Appl 79, 1311–1337 (2020). https://doi.org/10.1007/s11042-019-08305-6, **WOS**: 000517987600053. **Q2**	3	5.33
2	Bottega, G.H.M., Balbinot, A. Proposal of an obstacle detector with sound response for the visually impaired. Health Technol. 10, 739–757 (2020). https://doi.org/10.1007/s12553-019-00401-9, **WOS**: 000515652100001.	3	2.67
3	T.K. Chuang, N.C. Lin, J.S. Chen, C..H. Hung, Y.W. Huang, C. Tengl, H. Huang, L.F. Yu, L.Giarré, H-C Wang," Deep Trail-Following Robotic Guide Dog in Pedestrian Environments for	3	2.67

	People who are Blind and Visually Impaired - Learning from Virtual and Real Worlds", 2018 IEEE International Conference on Robotics and Automation (ICRA) DOI:10.1109/ICRA.2018.8460994 (**BDI** IEEE Xplore), **WOS**: 000446394504059		
4	D. Kalampalikis and K. Moustakas. „Design of a vision substitution vibrotactile vest for the visually impaired". In Proceedings of the 10th Hellenic Conference on Artificial Intelligence (SETN '18). ACM, New York, NY, USA, Article 52, 2 pages, 2018. DOI: https://doi.org/10.1145/3200947.3201055 (**BDI** ACM), **WOS**: 000509978600052	3	2.67
5	Elmannai, Wafa, and Khaled Elleithy. "Sensor-Based Assistive Devices for Visually-Impaired People: Current Status, Challenges, and Future Directions." Sensors 17, no. 3 (2017): 565. **WOS**:000398818700138, **Q1**	3	5.33
6	Bhowmick, A. and Hazarika," An insight into assistive technology for the visually impaired and blind people: state-of-the-art and future trends", S.M. J Multimodal User Interfaces (2017) 11: 149. https://doi.org/10.1007/s12193-016-0235-6; **WOS**:000401927400003	3	2.67
7	Pirsa, A; Rokic, L; Vdovic, H; Vertlberg, L; Zilak, M; Car, Z; Podobnik, V, "Analysis of ICT-based assistive solutions for people with disabilities," 2017 14th International Conference on Telecommunications (ConTEL), Zagreb, 2017, pp. 13-18. doi: 10.23919/ConTEL.2017.8000013; **WOS**:000427070900005	3	2.67
8	Anthierens, C; Groux, D; Hugel, V, "Sensory navigation guide for visually impaired sea kayakers", Journal Of Field Robotics, Volume: 35, Issue: 5, Pages: 732-747, DOI: https://doi.org/10.1002/rob.21775, **WOS**: 000437836900006, **Q1**	3	5.33
9	Khan, I; Khusro, S; Ullah, I, "Technology-assisted white cane: evaluation and future directions", PEERJ, vol. 6, doi: 10.7717/peerj.6058 , **WOS**: 000452726400005, **Q2**	3	5.33
10	Silva, J; Arezes, P; Costa, N; Braga, AC; Schierl, R, „Cytostatic-drugs handling in hospitals: Impact of contamination at occupational environments ", Occupational Safety And Hygiene VI, pp. 613-616, 2018, **WOS:**000460606900108	3	2.67
11	Araujo, ER; Rodrigues, C; Martins, LB, „Facilitators for safety of visually impaired on the displacements in external environments: A systematic review ", Occupational Safety And Hygiene VI, pp. 371-375, 2018, **WOS:** 000460606900066	3	2.67
12	Elmannai, WM; Elleithy, KM, „A Highly Accurate and Reliable Data Fusion Framework for Guiding the Visually Impaired ", vol.6, pp. 33029-33054, IEEE ACCESS, 2018 doi: 10.1109/ACCESS.2018.2817164, **WOS**:000438525100001, **Q1**	3	5.33
13	R. Kresimir, I. Galic, H. Leventic and K. Nenadic : „Real-time Multiresolution Crosswalk Detection with Walk Light Recognition for the Blind." Advances in Electrical and Computer Engineering, vol. 18, no. 1, 2018, https://doi.org/10.4316/AECE.2018.01002, **WOS**:000426449500002	3	2.67
14	Raees, M., and S. Ullah, GIFT: Gesture-Based Interaction by Fingers Tracking, an Interaction Technique for Virtual Environment, International Journal of Interactive Multimedia and Artificial Intelligence, pp. 115-125, 2019, https://doi.org/10.9781/ijimai.2019.01.002, **WOS**:000469285200015	3	2.67
15	Raees, M., and S. Ullah, EVEN-VE: Eyes Visibility Based Egocentric Navigation for Virtual Environments, International Journal of Interactive Multimedia and Artificial Intelligence, pp. 141-151, 2018, https://doi.org/10.9781/ijimai.2018.08.002, **WOS**: 000451874400016	3	2.67
	B. Mocanu, **R. Tapu** and T. Zaharia, "An Obstacle Categorization System for Visually Impaired People", 11th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS), Thailand, Bangkok, pp. 147-154, 2015. doi: http://dx.doi.org/10.1109/SITIS.2015.58; **WOS**:000380406500023		
1	Bhattacharya, Nandita, and Jaya Sil. "Image retrieval using extended bag-of-visual-words." Advances in Computing, Communications and Informatics (ICACCI), 2016 International Conference on. IEEE, 2016. **WOS**:000392503100324	3	2.67
2	Nakamura, Daiki, Hotaka Takizawa, Mayumi Aoyagi, Nobuo Ezaki, and Shinji Mizuno. "Smartphone-Based Escalator Recognition for the Visually Impaired." Sensors 17, no. 5 (2017): 1057. **WOS**:000404553300118, **Q1**	3	5.33
	B. Mocanu, **R. Tapu**, T. Zaharia, "When Ultrasonic Sensors and Computer Vision Join Forces for Efficient Obstacle Detection and Recognition", Sensors, 16(11):1807, pp. 1-23, 2016,doi: http://dx.doi.org/10.3390/s16111807; **WOS**:000389641700040.		
1	A. Hatamie, S. Angizi, S. Kumar, C. M. Pandey, A. Simch, M. Willander and B. D. Malhotra, „Textile Based Chemical and Physical Sensors for Healthcare Monitoring", Journal of The Electrochemical Society, Vol. 167, No. 3, 2020, **WOS**: 000519807400003, **Q1**	3	5.33
2	Budrionis, Andrius, Plikynas, Darius, Daniušis, Povilas and Indrulionis, Audrius, „Smartphone-based computer vision travelling aids for blind and visually impaired individuals: A systematic review", Assistive Technology, vol. 1 (17), pp. 1040-0435, 2020, DOI: http://dx.doi.org/10.1080/10400435.2020.1743381, **WOS**:000527221000001	3	2.67
3	Petsiuk, A.L.; Pearce, J.M. Low-Cost Open „Source Ultrasound-Sensing Based Navigational Support for the Visually Impaired". Sensors 2019, 19, 3783. **WOS**: 000486861900153, **Q1**	3	5.33
4	Arshad, B.; Ogie, R.; Barthelemy, J.; Pradhan, B.; Verstaevel, N.; Perez, P. „Computer Vision and IoT-Based Sensors in Flood Monitoring and Mapping: A Systematic Review". Sensors 2019, 19, 5012. **WOS**: 000503381500190, **Q1**	3	5.33
5	Sahoo, N.; Lin, H.-W.; Chang, Y.-H. „Design and Implementation of a Walking Stick Aid for Visually Challenged People". Sensors 2019, 19, 130. **WOS**: 000458574600130, **Q1**	3	5.33
6	Márquez-Olivera, M.; Juárez-Gracia, A.-G.; Hernández-Herrera, V.; Argüelles-Cruz, A.-J.; López-Yáñez, I. System for Face Recognition under Different Facial Expressions Using a New Associative Hybrid Model Amαβ-KNN for People with Visual Impairment or Prosopagnosia. Sensors 2019, 19, 578. **WOS**: 000459941200141, **Q1**	3	5.33
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	Automation, Vol. 34, No. 5, 2019, **WOS**: 000483927100013.		
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9	Foucault, J.; Lesecq, S.; Dudnik, G.; Correvon, M.; O'Keeffe, R.; Di Palma, V.; Passoni, M.; Quaglia, F.; Ouvry, L.; Buckley, S.; Herveg, J.; di Matteo, A.; Rakotovao, T.; Debicki, O.; Mareau, N.; Barrett, J.; Rea, S.; McGibney, A.; Birot, F.; de Chaumont, H.; Banach, R.; Razavi, J.; Ó'Murchú, C. INSPEX: Optimize Range Sensors for Environment Perception as a Portable System. Sensors 2019, 19, 4350. **WOS**: 000494823200294, **Q1**	3	5.33
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11	Gradolewski, D., Maslowski, D., Dziak, D., Jachimczyk, B., Mundlamuri, S. T., Prakash, C. G., & Kulesza, W. J. (2020). A Distributed Computing Real-Time Safety System of Collaborative Robot. Elektronika Ir Elektrotechnika, 26(2), 4-14. https://doi.org/10.5755/j01.eie.26.2.25757 **WOS**: 000529319700001.	3	2.67
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14	C. S. Silva and P. Wimalaratne, „Context-aware Assistive Indoor Navigation of Visually Impaired Persons", Sensors and Materials, Vol. 32, No. 4 (2020) 1497–1509, . **WOS**: 000531533200001	3	2.67
15	Nakamura, Daiki, Hotaka Takizawa, Mayumi Aoyagi, Nobuo Ezaki, and Shinji Mizuno. "Smartphone-Based Escalator Recognition for the Visually Impaired." Sensors 17, no. 5 (2017): 1057. **WOS**:000404553300118, **Q1**	3	5.33
16	Torrado, Juan C., Javier Gomez, and Germán Montoro. "Emotional Self-Regulation of Individuals with Autism Spectrum Disorders: Smartwatches for Monitoring and Interaction." Sensors 17, no. 6 (2017): 1359. **WOS**:000404553900175 **Q1**	3	5.33
17	Elmannai, Wafa, and Khaled Elleithy. "Sensor-Based Assistive Devices for Visually-Impaired People: Current Status, Challenges, and Future Directions." Sensors 17, no. 3 (2017): 565. **WOS**:000398818700138, **Q1**	3	5.33
18	C. S. Silva and P. Wimalaratne, "State-of-art-in-indoor navigation and positioning of visually impaired and blind," 2017 Seventeenth International Conference on Advances in ICT for Emerging Regions (ICTer), Colombo, 2017, pp. 1-6. Doi: 10.1109/ICTER.2017.8257826; **WOS**:000425224200036	3	2.67
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25	K. Yang, L. M. Bergasa, E. Romera, X. Huang and K. Wang, "Predicting Polarization Beyond Semantics for Wearable Robotics," 2018 IEEE-RAS 18th International Conference on Humanoid Robots (Humanoids), Beijing, China, 2018, pp. 96-103. http://dx.doi.org/10.1109/HUMANOIDS.2018.8625005; **WOS**:000458689700014	3	2.67
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	Total A3.1.2	**69.88**	

A3.4.	**Premii în domeniu - Academia Romana, ASTR, academii de ramura, premii internaţionale [15pct]**	**Punctaj**
1	Premiul II „young reseacher" în cadrul conferinței internationale E-Health and Bioengineering, Noiembrie 2013 http://www.ehbconference.ro/2013/Prizes.aspx	15.00
2	Premiul I „young reseacher" în cadrul conferinței internationale E-Health and Bioengineering, Noiembrie 2015 http://www.ehbconference.ro/Portals/0/Diplme%20YR.pdf	15.00
	Total A 3.3.2	**30.00**