

**Dosar pentru acordarea atestatului de abilitare**  
**Candidat: Prof. dr. ing. Mihai V. Micea**

**Centralizator Standarde minimale necesare si obligatorii**

1. Structura activității candidatului								Activitate candidat	
Nr. crt.	Domeniul activităților			Subcategoriile		Indicatori (kpi)	Criteria minime necesare (PROFESOR)	Numar realizat	Suma indicatori realizati
0	1	2	3	4		5	6	7	8
1	Activitatea didactica si profesionala (A1)	Carti si capitole în carti de specialitate in edituri recunoscute	Carti/ monografii/ capitole ca autor	A1.1.1	internationale	25	4 carti/capitole	1	25
				A1.1.2	nationale	20		3	60
		Material didactic / Lucrari didactice	Manuale didactice	A1.2.1		10	2 materiale didactice	5	50
							<b>Σ kpi ≥ 100</b>		<b>135</b>
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+20 * factor impact) / nr.de aut	12 articole	28	231.91
		Factor de impact cumulat pentru publicatii					6	11.978	
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20 / nr.de autori		22	142.68
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	internationale	35 / nr.de autori			
				A2.3.2	nationale	25 / nr.de autori			
		Granturi / proiecte castigate prin competitie	Director/ responsabil	A2.4.1.1	internationale	20 * ani de desfasurare	2 granturi/ proicete	1	40
				A2.4.1.2	nationale	10 * ani de desfasurare		4	110
Membru in echipa	A2.4.2.1		internationale	4 * ani de desfasurare	2	12			
		A2.4.2.2	nationale	2 * ani de desfasurare		21	62		
							<b>Σ kpi ≥ 500</b>		<b>598.59</b>
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8 / nr aut art.citat	20	28	65.19
					A3.1.2	BDI		4 / nr aut art.citat	34
		Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale și Profesor invitat	Punctaj unic pentru fiecare activitate	A3.2.1	internationale	10			
				A3.2.2	nationale	5			
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI	Punctaj unic pentru fiecare activitate	A3.3.1	ISI	10		5	50
				A3.3.2	BDI	6		13	78
				A3.3.3	nationale si internationale neindexate	3		4	12
Premii in domeniu		A3.4.1	Academia Romana, ASTR, academii de ramura, premii internationale	15		1	15		
		A3.4.2	premiu nationale in domeniu	5		11	55		
							<b>Σ kpi ≥ 100</b>		<b>305.82</b>
<b>Indicatorul de merit (A = A1+A2+A3)</b>						<b>Σ k1i + Σ k2i + Σ k3i</b>	<b>≥ 700</b>		<b>1039.41</b>

**Dosar pentru acordarea atestatului de abilitare****Candidat: Prof. dr. ing. Mihai V. Micea****A1.1.1 - Carti si capitole în carti de specialitate in edituri recunoscute - internationale**

Nr. crt.	Ref	Lucrarea publicata	Indicator realizat
1	[BChp 5]	Mihai V. Micea, Andrei Stancovici, Sinziana Indreica, "Distance Measurement for Indoor Robotic Collectives", in Mobile Robots - Control Architectures, Bio-Interfacing, Navigation, Multi Robot Motion Planning and Operator Training, section 16, Janusz Bedkowski (Eds.), InTech, Rijeka, Croatia, Dec., 2011, pp. (353 - 372), ISBN 978-953-307-842-7.	25
<b>TOTAL</b>			<b>25</b>

**A1.1.2 - Carti si capitole în carti de specialitate in edituri recunoscute - nationale**

Nr. crt.	Ref	Lucrarea publicata	Indicator realizat
1	[Book 3]	Mihai V. Micea, "Prelucrarea numerica a semnalelor in domeniul timp", in Colectia Prelucrarea Semnalelor, Editura Politehnica, Timisoara, Romania, 2009, 254 pg., ISBN 978-973-625-927-2.	20
2	[Book 2]	Mihai V. Micea, "Proiectarea sistemelor timp-real pentru aplicatii critice", in Colectia Calculatoare - Informatica, Editura Orizonturi Universitare, Timisoara, Romania, 2005, 175 pg., ISBN 973-638-222-2.	20
3	[Book 1]	Nicolae Robu, Vasile Stoicu Tivadar, Lacramioara Stoicu Tivadar, Mihai V. Micea, "Internet - infrastructura si servicii", in Colectia Calculatoare, Editura Politehnica, Timisoara, Romania, 2002, 330 pg., ISBN 973-625-013-X.	20
<b>TOTAL</b>			<b>60</b>

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<b>Nr. crt.</b>	<b>Ref</b>	<b>Lucrearea publicata</b>	<b>Indicator realizat</b>
1	[CNbk 7]	Mihai V. Micea, "Multimedia Systems: Course Support", Politehnica University of Timisoara, Timisoara, Romania, Sep., 2010. [Online: <a href="http://dsplabs.cs.upt.ro/~micha/courses/MS/support/index.html">http://dsplabs.cs.upt.ro/~micha/courses/MS/support/index.html</a> ].	10
2	[CNbk 6]	Mihai V. Micea, "Telecomunicatii digitale moderne: Suport de curs", 3-rd Edition, Politehnica University of Timisoara, Timisoara, Romania, Apr., 2008, 138 pg.. [Print Order 270].	10
3	[CNbk 5]	Mihai V. Micea, "Advanced Digital Signal Processing: Slide Support", Politehnica University of Timisoara, Timisoara, Romania, Sep., 2007. [Online: <a href="http://dsplabs.cs.upt.ro/~micha/courses/ADSP/support/index.html">http://dsplabs.cs.upt.ro/~micha/courses/ADSP/support/index.html</a> ].	10
4	[CNbk 4]	Mihai V. Micea, "Introducere in prelucrarea numerica a semnalelor: Suport de curs", 2-nd Edition, Politehnica University of Timisoara, Timisoara, Romania, Oct., 2007, 174 pg.. [Print Order 350].	10
5	[Labs 1]	Mihai V. Micea, "Sisteme de achizitie numerica a datelor: Indrumator de laborator", Politehnica University of Timisoara, Timisoara, Romania, Sep., 2000, 182 pg.. [Print Order 270].	10
<b>TOTAL</b>			<b>50</b>

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**Dosar pentru acordarea atestatului de abilitare****Candidat: Prof. dr. ing. Mihai V. Micea****A2.1 - Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings**

Nr. crt.	Ref	Lucrearea publicata	Nr. autori	Factor impact	Indicator realizat
1	[Jrnl 26]	Mihai Fagadar Cosma, Marwen Nouri, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "A Combined Optical Flow and Graph Cut Approach for Foreground Extraction in Videoconference Applications", Studies in Informatics and Control, volume 21, issue 4, F. G. Filip (Eds.), National Institute for Research and Development in Informatics (ICI), Bucharest, Romania, Dec., 2012, pp. (413 - 422), ISSN 1220-1766.	4	0.578	9.14
2	[Jrnl 24]	<u>Mihai V. Micea</u> , Lucian Ungurean, Gabriel N. Carstoiu, Voicu Groza, "Online State-of-Health Assessment for Battery Management Systems", IEEE Transactions on Instrumentation and Measurement, volume 60, issue 6, IEEE, Jun., 2011, pp. (1997 - 2006), ISSN 0018-9456.	4	1.357	13.04
3	[Jrnl 23]	<u>Mihai V. Micea</u> , Gabriel N. Carstoiu, Lucian Ungurean, Dan Chiciudean, Vladimir I. Cretu, Voicu Groza, "PARSECS: A Predictable Data Communication System for Smart Sensors and Hard Real-Time Applications", IEEE Transactions on Instrumentation and Measurement, volume 59, issue 11, IEEE, Nov., 2010, pp. (2968 - 2981), ISSN 0018-9456.	6	1.357	8.69
4	[Jrnl 22]	<u>Mihai V. Micea</u> , Andrei Stancovici, Dan Chiciudean, Constantin Filote, "Indoor Inter-Robot Distance Measurement in Collaborative Systems", Advances in Electrical and Computer Engineering, volume 10, issue 3, Adrian Graur (Eds.), Stefan cel Mare University of Suceava, Romania, Aug., 2010, pp. (21 - 26), ISSN	4	0.555	9.03
5	[Jrnl 21]	Artur M. Kuczapski, <u>Mihai V. Micea</u> , Laurentiu A. Maniu, Vladimir I. Cretu, "Efficient Generation of Near Optimal Initial Populations to Enhance Genetic Algorithms for Job-Shop Scheduling", Information Technology and Control, volume 39, issue 1, Rimantas Seinauskas, Dalius Rubliauskas, Laimutis Telksnys (Eds.), Kaunas University of Technology, Kaunas, Lithuania, 2010, pp. (32 - 37), ISSN 1392-124X.	4	0.667	9.59
6	[Jrnl 17]	<u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Maximum Predictability in Signal Interactions with HARETICK Kernel", IEEE Transactions on Instrumentation and Measurement, volume 55, issue 4, IEEE, Aug., 2006, pp. (1317 - 1330), ISSN 0018-9456.	3	1.357	17.38
7	[Jrnl 13]	<u>Mihai V. Micea</u> , Vladimir I. Cretu, "Highly Predictable Execution Support for Critical Applications with HARETICK Kernel", International Journal of Electronics and Communications (AEU), volume 59, issue 5, Elsevier GmbH, Jena, Germany, May., 2005, pp. (278 - 287), ISSN 1434-8411	2	0.551	18.01
8	[Jrnl 11]	Vladimir I. Cretu, Traian Jurca, <u>Mihai V. Micea</u> , Ioana Sora, "Instrumentation and Measurement in Romania", IEEE Instrumentation and Measurement Magazine, volume 6, issue 3, IEEE, USA, Sep., 2003, pp. (41 - 47), ISSN 1094-6969.	4	0.556	9.03
9	[BChp 7]	Mihai Fagadar Cosma, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Dense and Sparse Optic Flows Aggregation for Accurate Motion Segmentation in Monocular Video Sequences", in Lecture Notes in Computer Science (LNCS), volume 7324, section 25, Aurelio Campilho, Mohamed Kamel (Eds.), Springer Berlin Heidelberg, Aveiro, Portugal, Jun., 2012, pp. (208 - 215), ISBN 978-3-642-31294-6, ISSN 0302-9743, DOI: 10.1007/978-3-642-31295-3_25.	3	0.25	10
10	[BChp 6]	<u>Mihai V. Micea</u> , Valentin Stangaciu, Cristina Stangaciu, Constantin Filote, "Sensor-Level Real-Time Support for XBee-Based Wireless Communication", in Advances in Intelligent and Soft Computing (AISC), volume 145, section 20, Ford L. Gaol, Quang V. Nguyen (Eds.), Springer Berlin Heidelberg, Berlin, Germany, Jan., 2012, pp. (147 - 154), ISBN 978-3-642-28307-9.	4	0.25	7.5
11	[BChp 4]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Daniel Racoceanu, "Emergent Behavior Control Patterns in Robotic Collectives", in Lecture Notes in Artificial Intelligence (LNAI), volume 5928, section 16, Ming Xie, Youlun Xiong, Caihua Xiong, Honghai Liu, Zhencheng Hu (Eds.), Springer Berlin Heidelberg, Singapore, Singapore, Dec., 2009, pp. (165 - 173), ISBN 978-3-642-10816-7, ISSN 0302-9743.	4	0.25	7.5
12	[BChp 3]	Marius Marcu, Dacian Tudor, Sebastian Fuicu, <u>Mihai V. Micea</u> , Silvia Copil-Crisan, Florin Maticu, "Power Characterization of Multi-Threading Mobile Applications", in New Aspects of Computers, volume 2, N. E. Mastorakis, V. Mladenov, Z. Bojkovic, D. Simian, S. Kartalopoulos, A. Varonides, et al. (Eds.), WSEAS Press, Heraklion, Greece, Jul., 2008, pp. (583 - 588), ISBN 978-960-6766-85-5, ISSN	6	0.25	5

13	[BChp 1]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Centralized Management System for Mobile Communications with Pocket PCs", in Innovations and Advanced Techniques in Computer and Information Sciences and Engineering, section 58, Tarek Sobh (Eds.), Springer Science and Business Media, Dordecht, The Netherlands, Jun., 2007, pp. (327 - 332), ISBN 978-1-4020-6267-4.	4	0.25	7.5
14	[Conf 36]	Sinziana Indreica, Andrei Stancovici, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Simulator based study of robot alignment and localization", in Proceedings of the International Symposium on Robotic and Sensors Environments, ROSE 2013, Pinhas Ben-Tzvi, Philippe Giguere, Pierre Payeur (Eds.), IEEE, Washington, USA, 21-23 Oct., 2013, pp. (107 - 111), ISBN 978-1-4673-2938-5, DOI: 10.1109/ROSE.2013.6698429.	5	0.25	6
15	[Conf 35]	Cristina S. Stangaciu, <u>Mihai V. Micea</u> , Vladimir I. Cretu, "Energy Efficiency in Real-Time Systems: A Brief Overview", in Proceedings of the 8-th IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2013, Janos Fodor, Horia Ciocarlie (Eds.), IEEE, Timisoara, Romania, 23-25 May., 2013, pp. (275 - 280), ISBN 978-1-4673-6397-6, DOI: 10.1109/SACI.2013.6608981.	3	0.25	10
16	[Conf 34]	Andrei Stancovici, Sinziana Indreica, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Relative localization methodology for autonomous robots in collaborative environments", in Proceedings of the 30-th IEEE Instrumentation and Measurement Technology Conference, I2MTC 2013, Max Cortner, Reza Zoughi (Eds.), IEEE, Minneapolis, USA, 06-09 May., 2013, pp. (1730 - 1733), ISSN 1091-5281, DOI: 10.1109/I2MTC.2013.6555711.	5	0.25	6
17	[Conf 32]	Bogdan Stratulat, <u>Mihai V. Micea</u> , Constantin Filote, "Data Fusion and Visualization Based on Voronoi Diagrams for Wireless Sensor Networks", in Proceedings of the International Conference on Instrumentation, Measurement, Circuits and Systems, ICIMCS 2011, volume 2, American Society of Mechanical Engineers (ASME), Hong Kong, China, 12-13 Dec., 2011, pp. (41 - 44), ISBN 978-0-7918-5990-2.	3	0.25	10
18	[Conf 26]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Evaluation of Fish Shoal Inspired Movement in Collaborative Robotic Environments", in Proceedings of the 27-th IEEE Instrumentation and Measurement Technology Conference, I2MTC 2010, Ruth A. Dyer, John L. Schmalzel, Vincenzo Piuri (Eds.), IEEE, Austin TX, USA, 03-06 May., 2010, pp. (1539 - 1544), ISBN 978-1-4244-2832-8, ISSN 1091-5281.	4	0.25	7.5
19	[Conf 24]	Razvan D. Cioarga, Iuliana Nalatan, Sergiu Tura-Bob, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Emergent Exploration and Resource Gathering in Collaborative Robotic Environments", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (13 - 18), ISBN 978-1-4244-2594-5.	6	0.25	5
20	[Conf 23]	Razvan D. Cioarga, Bogdan Panus, Claudia Oancea, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Emil M. Petriu, "Fish Shoal Inspired Movement in Robotic Collectives", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (7 - 12), ISBN 978-1-4244-2594-5.	6	0.25	5
21	[Conf 22]	<u>Mihai V. Micea</u> , Cristina Certejan, Valentin Stangaciu, Razvan D. Cioarga, Vladimir I. Cretu, Emil M. Petriu, "Inter-Task Communication and Synchronization in the Hard Real-Time Compact Kernel HARETICK", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (19 - 24), ISBN 978-1-4244-2594-5.	6	0.25	5
22	[Conf 21]	<u>Mihai V. Micea</u> , Gabriel N. Carstoiu, Lucian Ungurean, Dan Chiciudean, Vladimir I. Cretu, Voicu Groza, "Predictable Data Communication Interface for Hard Real-Time Systems", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (98 - 101), ISBN 978-1-4244-2594-5.	6	0.25	5
23	[Conf 19]	Marius Marcu, Dacian Tudor, Horatiu Moldovan, <u>Mihai V. Micea</u> , "Power Profile Evaluation of Battery-Powered Mobile Applications", in Proceedings of the 14-th IEEE International Conference on Electronics, Circuits and Systems, ICECS 2007, IEEE, Marrakech, Morocco, 11-14 Dec., 2007, pp. (1015 - 1018), ISBN 978-1-4244-1377-5.	4	0.25	7.5
24	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, <u>Mihai V. Micea</u> , "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.25	5

25	[Conf 16]	Bogdan Ciubotaru, Razvan D. Cioarga, Dan Chiciudean, <u>Mihai V. Micea</u> , Mircea Stratulat, "Connectivity Improvement in Wireless Sensor Networks Based on Mobile Nodes", in Proceedings of the 24-th IEEE Instrumentation and Measurement Technology Conference, IMTC 2007, Roman Z. Morawski (Eds.), IEEE, Warsaw, Poland, 01-03 May., 2007, pp. (1640 - 1645), ISBN 978-1-4244-0588-6, ISSN 1091-5281.	5	0.25	6
26	[Conf 15]	Razvan D. Cioarga, Bogdan Ciubotaru, Dan Chiciudean, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Emergent Behavioral Modeling Language in Obstacle Avoidance", in Proceedings of the 24-th IEEE Instrumentation and Measurement Technology Conference, IMTC 2007, Roman Z. Morawski (Eds.), IEEE, Warsaw, Poland, 01-03 May., 2007, pp. (1614 - 1619), ISBN 978-1-4244-0588-6, ISSN 1091-5281.	6	0.25	5
27	[Conf 14]	Mihai Fagadar Cosma, Liviu D. Faniciu, <u>Mihai V. Micea</u> , "Data Routing and Remote Protocol Analysis using the TETHRA System", in Proceedings of the 32-nd Annual Conference of the IEEE Industrial Electronics Society, IECON 2006, Gerard A. Capolino, Leopoldo G. Franquelo (Eds.), IEEE, Paris, France, 06-10 Nov., 2006, pp. (603 - 608), ISBN 1-4244-0136-4, ISSN 1553-572X.	3	0.25	10
28	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	0.25	7.5
<b>TOTAL</b>				<b>11.978</b>	<b>231.91</b>

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**Dosar pentru acordarea atestatului de abilitare**  
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**A2.2 - Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)**

Nr. crt.	Ref	Lucrearea publicata	Baza de date	Nr. autori	Indicator realizat
1	[Jrnl 20]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Emil M. Petriu, "Movement in Collaborative Robotic Environments Based on the Fish Shoal Emergent Patterns", Sensors & Transducers Journal, volume 5, issue 3, Serghey Y. Yurish, Pierre Payeur, Emil M. Petriu (Eds.), International Frequency Sensor Association (IFSA), 2009, pp. (18 - 36), ISSN 1726-5479.	ProQuest Central	4	5
2	[Jrnl 18]	Marius Marcu, Dacian Tudor, Sebastian Fuicu, Silvia Copil-Crisan, Florin Maticu, <u>Mihai V. Micea</u> , "Power Efficiency Study of Multi-threading Applications for Multi-core Mobile Systems", WSEAS Transactions on Computers, volume 7, issue 12, World Scientific and Engineering Academy and Society (WSEAS), Wisconsin, USA, Dec., 2008, pp. (1875 - 1885), ISSN 1109-2750.	INSPEC	6	3.33
3	[Jrnl 12]	<u>Mihai V. Micea</u> , Vladimir I. Cretu, M. L. Patcas, "Program Modeling and Analysis of Real-Time and Embedded Applications", Scientific Bulletin of the UPT: Transactions on Automatic Control and Computer Science, volume 49, issue 3, Stefan Holban (Eds.), Politehnica University of Timisoara, Timisoara, Romania, Sep., 2004, pp. (207 - 212), ISSN 1224-600X. [Times cited: 1].	Google Scholar	3	6.67
4	[Jrnl 9]	<u>Mihai V. Micea</u> , Mircea Stratulat, Dan Ardelean, Daniel Aioanei, "Implementing Professional Audio Effects with DSPs", Scientific Bulletin of the UPT: Transactions on Automatic Control and Computer Science, volume 46, issue 1, Stefan Holban (Eds.), Politehnica University of Timisoara, Timisoara, Romania, Apr., 2001, pp. (55 - 60), ISSN 1224-600X. [Times cited: 4].	Google Scholar	4	5
5	[Jrnl 8]	<u>Mihai V. Micea</u> , "Interfacing DAQ Systems to Digital Signal Processors", Scientific Bulletin of the UPT: Transactions on Automatic Control and Computer Science, volume 45, issue 4, Stefan Holban (Eds.), Politehnica University of Timisoara, Timisoara, Romania, Oct., 2000, pp. (23-28), ISSN 1224-600X. [Times cited: 1].	Google Scholar	1	20
6	[BChp 2]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Bogdan Ciubotaru, Vladimir I. Cretu, Dan Chiciudean, "Emergent System for Information Retrieval", in Artificial Intelligence and Innovations 2007: From Theory to Applications (IFIP Series), volume 247, section 44, Christos Boukis, Aristodemos Pnevmatikakis, Lazaros Polymenakos (Eds.), Springer Science and Business Media, Boston, USA, Sep., 2007, pp. (409 - 417), ISBN 978-0-387-74160-4.	Springer Link	5	4
7	[Conf 37]	Valentin Stangaciu, Dan Pescaru, <u>Mihai V. Micea</u> , Vladimir I. Cretu, "Practical Aspects Regarding Implementation of Real Time WSN Applications Based on IEEE 802.15.4", in Proceedings of the Telecommunications Forum, TELFOR 2013, volume 21, Dorde Paunovic, Ljiljana Milic (Eds.), IEEE, Belgrade, Serbia, 26-28 Nov., 2013, pp. (295 - 298), ISBN 978-1-4799-1419-7, DOI: 10.1109/TELFOR.2013.6716229. [Indexed: IEEE Xplore, IEEE].	IEEE Xplore	4	5
8	[Conf 33]	<u>Mihai V. Micea</u> , Cristina Stangaciu, Valentin Stangaciu, Vladimir I. Cretu, "Improving the Efficiency of Highly Predictable Wireless Sensor Platforms With Hybrid Scheduling", in Proceedings of the International Symposium on Robotic and Sensors Environments, ROSE 2012, Zug Sebastian, Pierre Payeur, Pinhas Ben-Tzvi (Eds.), IEEE, Magdeburg, Germany, 16-18 Nov., 2012, pp. (73 - 78), ISBN 978-1-4673-2705-3.	IEEE Xplore	4	5
9	[Conf 31]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Vladimir I. Cretu, Andrei Banc, Voicu Groza, "Football: Emergent resource gathering in collective robotic environments", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2011, Henrik Christensen, Guillaume-Alexandre Bilodeau (Eds.), IEEE, Montreal, Canada, 17-18 Sep., 2011, pp. (184 - 189), ISBN 978-1-4577-0819-0.	INSPEC	5	4
10	[Conf 30]	Valentin Stangaciu, Georgiana Macariu, <u>Mihai V. Micea</u> , Valentin Muresan, Brendan Barry, "Requirements of a Real-Time Multiprocessor Operating System for Multimedia Applications", in Proceedings of the 6-th IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2011, Janos Fodor, Octavian Prosteian (Eds.), IEEE, Timisoara, Romania, 19-21 May., 2011, pp. (209 - 215), ISBN 978-1-4244-9108-7.	INSPEC	5	4

11	[Conf 29]	Constantin Filote, Calin Ciufudean, <u>Mihai V. Micea</u> , Ana-Maria Cozgarea, "Power Factor Improvement Using RNSIC Rectifier", in Proceedings of the IASTED International Conference on Power and Energy Systems, AsiaPES 2010, Issarachai Ngamroo (Eds.), The International Association of Science and Technology for Development (IASTED), Phuket, Thailand, 24-26 Nov., 2010, pp. (96 - 102), ISBN 978-0-88986-855-7, ISSN 1922-8074.	Scopus	4	5
12	[Conf 28]	Bogdan Stratulat, Sebastian Barzeianu, <u>Mihai V. Micea</u> , Voicu Groza, "Wireless Synchronization Protocols for Collaborative Robotic and Sensor Environments", in Proceedings of the 19-th IEEE International Workshop on Robotics in Alpe-Adria-Danube Region, RAAD 2010, Aniko Szakal (Eds.), IEEE, Budapest, Hungary, 24-26 Jun., 2010, pp. (25 - 30), ISBN 978-1-4244-6885-0.	INSPEC	4	5
13	[Conf 27]	Mihai Fagadar Cosma, <u>Mihai V. Micea</u> , Vladimir I. Cretu, "Obtaining Highly Localized Edges using Phase Congruency and Ridge Detection", in Proceedings of the IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics, ICC-CONTI 2010, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Obuda University, Budapest, Timisoara, Romania, 27-29 May., 2010, pp. (339 - 342), ISBN 978-1-4244-7431-8.	IEEE Xplore	3	6.67
14	[Conf 25]	Constantin Filote, Dimitrie Alexa, Irinel V. Pletea, <u>Mihai V. Micea</u> , Calin Ciufudean, Ana-Maria Cozgarea, "Robust-Adaptive Flux Observers in Induction Motor Drive Systems", in Proceedings of the 12-th IASTED International Conference on Intelligent Systems and Control, ISC 2009, Mohamed Hamza (Eds.), The International Association of Science and Technology for Development (IASTED), Cambridge Massachusetts, USA, 02-04 Nov., 2009, pp. (127 - 134), ISBN 978-0-88986-814-4.	Scopus	6	3.33
15	[Conf 18]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Bogdan Ciubotaru, Dan Chiciudean, Vladimir I. Cretu, Voicu Groza, "eBML: A Formal Language for Behavior Modeling and Application Development in Robotic Collectives", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2007, Pierre Payeur, Subhas Mukhopadhyay (Eds.), IEEE, Ottawa, Canada, 12-13 Oct., 2007, pp. (80 - 85), ISBN 1-4244-1527-6.	INSPEC	6	3.33
16	[Conf 9]	<u>Mihai V. Micea</u> , Vladimir I. Cretu, Voicu Groza, "Predictable Signal Generation with the Hard Real-Time Operating Kernel HARETICK", in Proceedings of the 22-nd IEEE Instrumentation and Measurement Technology Conference, IMTC 2005, volume 3, IEEE Instrumentation and Measurement Society, Ottawa, Canada, 16-19 May., 2005, pp. (2097 - 2102), ISBN 0-7803-8879-8.	INSPEC	3	6.67
17	[Conf 12]	Razvan D. Cioarga, <u>Mihai V. Micea</u> , Bogdan Ciubotaru, Dan Chiciudean, Daniela Stanescu, "CORE-TX: Collective Robotic Environment - the Timisoara Experiment", in Proceedings of the 3-rd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2006, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 25-26 May., 2006, pp. (495 - 506), ISBN 963-7154-46-9.	Google Scholar	5	4
18	[Conf 6]	<u>Mihai V. Micea</u> , "HARETICK: A Real-Time Compact Kernel for Critical Applications on Embedded Platforms", in Proceedings of the 7-th International Conference on Development and Application Systems, DAS 2004, Adrian Graur, Gheorghe Pentiu, Cristina Turcu, Cornel Turcu, Dan Milici (Eds.), Stefan cel Mare University of Suceava, Romania, 27-29 May., 2004, pp. (16 - 23), ISBN 973-666-	Google Scholar	1	20
19	[AppN 4]	<u>Mihai V. Micea</u> , Lucian Muntean, Daniel Brosteanu, "Simple Real-time Sonar with the DSP56824", Motorola/Freescale Semiconductor Application Note, issue AN2086/D, Motorola/Freescale Semiconductor Inc., USA, Jun., 2001, 28 pg..	Google Scholar	3	6.67
20	[AppN 3]	<u>Mihai V. Micea</u> , Mircea Trifu, Adrian Trifu, "Integrating the DSP563xx in Distributed Computing Environments", Motorola/Freescale Semiconductor Application Note, issue AN2088, Motorola/Freescale Semiconductor Inc., USA, Mar., 2001, 40 pg..	Google Scholar	3	6.67
21	[AppN 2]	<u>Mihai V. Micea</u> , Vladimir I. Cretu, Dan Chiciudean, "Interfacing a Data Acquisition System to the DSP56303", Motorola/Freescale Semiconductor Application Note, issue AN2087/D, Motorola/Freescale Semiconductor Inc., USA, Dec., 2000, 28 pg..	Google Scholar	3	6.67
22	[AppN 1]	<u>Mihai V. Micea</u> , Dan Chiciudean, Lucian Muntean, "ECP Standard Parallel Interface for DSP56300 Devices", Motorola/Freescale Semiconductor Application Note, issue AN2085/D, Motorola/Freescale Semiconductor Inc., USA, Nov., 2000, 26 pg..	Google Scholar	3	6.67
<b>TOTAL</b>					<b>142.68</b>

Candidat,  
Prof.dr.ing. Mihai V. MICEA

**Dosar pentru acordarea atestatului de abilitare**  
**Candidat: Prof. dr. ing. Mihai V. Micea**

**A2.4.1.1 - Granturi / proiecte castigate prin competitie - Internationale - ca Director / responsabil**

Nr. crt.	Ref	Grantul / proiectul	Nr. ani desfasurare	Indicator realizat
1	[IntG 2]	Valentin Muresan (Director), <u>Mihai V. Micea</u> (UPT Partner project manager), Alexandru Amaricai-Boncalo, Oana Amaricai-Boncalo, Gheorghe Guran, Andrei Tanase, Valentin Stangaciu, et al., "FALX DACIAE: Unelte si Procese de Dezvoltare SW pentru Aplicatii Multimedia Avansate pe Arhitecturi Multi-Core pentru Telefoane Mobile" ("FALX DACIAE: SW Development Tools and Processes for Advanced Multimedia Applications on Mobile Phone Multi-Core Architectures"), POSCCE-A2-O2.1.1 R&D Grant, POSCCE-499-11844/2010 - 2012, EU - Structural Instruments, ANCS - The Romanian National Authority for Scientific Research. Contract 133/04.06.2010. Total value: 2126766 RON (~ 506400 EUR). Value, UPT Partner: 1143416 RON (~ 272300 EUR).	2	40
<b>TOTAL</b>				<b>40</b>

**A2.4.1.2 - Granturi / proiecte castigate prin competitie - Nationale - ca Director / responsabil**

Nr. crt.	Ref	Grantul / proiectul	Nr. ani desfasurare	Indicator realizat
1	[NatG 25]	Constantin Filote (Director), <u>Mihai V. Micea</u> (UPT Partner project manager), Vladimir I. Cretu, Mircea Stratulat, Claudia Micea, Florian Miclea, Razvan D. Cioarga, et al., "FILOLET: Sistem novativ de monitorizare a calitatii energiei electrice bazat pe transformarea wavelet in vederea cresterii eficientei energetice a consumatorilor industriali" ("FILOLET: Wavelet Innovative Power Quality Monitoring System with Respect to Industrial Consumers Power Efficiency Increase"), R&D Grant, PNCDI II, Program 4 - Partnerships, PDP-4339/2008 - 2011, CNMP, Romanian Ministry of Education, Research and Innovation, Bucharest, Romania. Contract 22-137/01.10.2008. Total value: 2191000 RON (~ 595000 EUR). Value, UPT Partner: 250000 RON (~ 68000 EUR).	3	30
2	[NatG 23]	<u>Mihai V. Micea</u> (Director), Vladimir I. Cretu, Dan Chiciudean, Razvan D. Cioarga, Bogdan Stratulat, "MELISSEVS: Dezvoltarea si analiza unui model integrat de reprezentare a sistemelor colaborative robotice si de senzori inteligenti in aplicatii de explorare-supraveghere de mediu" ("MELISSEVS: Development and Analysis of an Integrated Model for Representation of Collaborative Robotic and Intelligent Sensor Systems in Environment Exploration and Supervision Applications"), R&D Grant, PNCDI II, Program 3 - Ideas, ID-22/2007 - 2010, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 58/01.10.2007. Total value: 731000 RON (~ 225000 EUR).	3	30
3	[NatG 22]	Constantin Filote (Director), <u>Mihai V. Micea</u> (UPT Partner project manager), Vladimir I. Cretu, Mircea Stratulat, Claudia Micea, Florian Miclea, Razvan D. Cioarga, et al., "SICRAMAS: Sistem inteligent de conducere neliniara robust-adaptiva dupa fluxul rotorice a actionarilor cu motoare asincrone" ("SICRAMAS: Intelligent System for Non-Linear, Robust-Adaptive, Rotoric Flow Based Control of Asynchronous Electrical Machines"), R&D Grant, PNCDI II, Program 4 - Partnerships, PDP-2306/2007 - 2010, CNMP, Romanian Ministry of Education, Research and Innovation, Bucharest, Romania. Contract 71-065/18.09.2007. Total value: 2140000 RON (~ 641000 EUR). Value, UPT Partner: 260000 RON (~ 78000 EUR).	3	30
4	[NatG 18]	<u>Mihai V. Micea</u> (Director), Ioana Sora, Dan Chiciudean, Razvan D. Cioarga, Bogdan Ciubotaru, "CORE-TX: Sisteme timp-real incorporate in aplicatii complexe de perceptie artificiala distribuita, medii colaborative robotizate si retele de senzori inteligenti" ("CORE-TX: Real-Time Systems Embedded in Complex Applications of Distributed Artificial Perception, Collaborative Robotic Environments and Intelligent Sensor Networks"), R&D Grant of Excellence, CEEEX-ET-07/2006 - 2008, UEFISCSU, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 1437/28.03.2006. Total value: 126000 RON (~ 36000 EUR).	2	20
<b>TOTAL</b>				<b>110</b>

**Dosar pentru acordarea atestatului de abilitare**

**Candidat: Prof. dr. ing. Mihai V. Micea**

**A2.4.2.1 - Granturi / proiecte castigate prin competitie - Internationale - ca Membru in echipa**

Nr. crt.	Ref	Grantul / proiectul	Nr. ani desfasurare	Indicator realizat
1	[IntG 3]	Andras Hajdu (Director), Marius Marcu (UPT Partner project manager), Vasile Gui, Mircea Popa, <u>Mihai V. Micea</u> , Alexandru Amaricai-Boncalo, Razvan D. Cioarga, et al., "MobileAssistant: Cross border academic development of an image-based recommendation system for regional educational purposes", HURO-1001-283-2.3.1 Grant, HURO-1001-283-2.3.1/2012 - 2013, EU - European Regional Development Fund (ERDF), Budapest, Hungary. Total value: 184460 EUR. Value, UPT Partner: 89202 EUR.	1	4
2	[IntG 1]	Attila Bilgic (Director), Vladimir I. Cretu (UPT Partner project manager), Horia Ciocarlie, Marius Marcu, <u>Mihai V. Micea</u> , Calin Jebelean, Dacian Tudor, et al., "ICT-eMuCo: Embedded Multi-Core Processing for Mobile Communicating Systems", FP7 STREP R&D Grant, FP7-ICT-216378/2008 - 2010, CORDIS, European Union. Contract 216378/01.02.2008. Total value: 4.58 Mil. EUR. Value, UPT Partner: 147000 EUR.	2	8
<b>TOTAL</b>				<b>12</b>

Candidat,  
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**Dosar pentru acordarea atestatului de abilitare****Candidat: Prof. dr. ing. Mihai V. Micea****A2.4.2.2 - Granturi / proiecte castigate prin competitie - Nationale - ca Membru in echipa**

Nr. crt.	Ref	Grantul / proiectul	Nr. ani desfasurare	Indicator realizat
1	[NatG 24]	Laurentiu Maniu (Director), Vladimir I. Cretu (UPT Partner project manager), <u>Mihai V. Micea</u> , et al., "MERLIN: Platforma IT de Modelare, Simulare, Planificare si Optimizare a Productiei Automatizate in Industria Semiconducatorilor" ("MERLIN: IT Platform for Modeling, Simulation, Scheduling and Automatic Production Optimization in Semiconductor Industry"), R&D Grant, PNCDI II, Program 5 - Innovation, PDP-1262/2008 - 2011, CNMP, Romanian Ministry of Education, Research and Innovation, Bucharest, Romania. Contract 198/12.09.2008. Total value: 2546000 RON (~ 710000 EUR). Value, UPT Partner: 152782 RON (~ 42500 EUR).	3	6
2	[NatG 21]	Dorel Nedelcut, Petre Pistol (Director), Marius Birescu (UPT Partner project manager), Octavian Prostean, Ioan Filip, <u>Mihai V. Micea</u> , Cristian Vasar, Iosif Szeidert, et al., "GENEX: Optimizarea functionarii hidrogenatoarelor electrice prin modernizarea sistemelor de excitatie in vederea cresterii eficientei energetice si competitivitatii lor" ("GENEX: Optimization of Electric Hydrogenerator Operation, Based on the Update of the Excitation Systems, to Increase Their Energy Efficiency and Competitvity"), R&D Grant, PNCDI II, Program 4 - Partnerships, PDP-1412/2007 - 2010, CNMP, Romanian Ministry of Education, Research and Innovation, Bucharest, Romania. Contract 21-040/14.09.2007. Total value: 1441000 RON (~ 400000 EUR). Value, UPT Partner: 450000 RON (~ 125000 EUR).	3	6
3	[NatG 20]	Vladimir I. Cretu (Director), <u>Mihai V. Micea</u> (Research theme manager), Mircea Stratulat, Mircea Popa, Carmen Holotescu, Marius Marcu, Doru Todinca, et al., "OPEN-HARTS: Modelarea, proiectarea si dezvoltarea sistemelor timp-real pentru aplicatii critice de achizitii de semnal, prelucrare si control digital incorporat" ("OPEN-HARTS: Modeling, Design and Development of Real-Time Systems for Critical Applications of Digital Signal Acquisition and Processing, and Embedded Control"), CNCSIS R&D Grant, A-717/2005 - 2007, Research Theme 9/2007, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract GR76/23.05.2007. Total value: 22105 RON (~ 6700 EUR).	1	2
4	[NatG 19]	Sebastian Muntean (Director), Romeo Susan-Resiga (UPT Partner project manager), Vladimir Cretu, Liviu E. Anton, Alexandru Baya, Titus Cioara, <u>Mihai V. Micea</u> , et al., "iSMART-flow: Integrarea Tehnologiilor Magneto-Reologice Speciale si al Controlului Avansat al Curgerii in Aplicatii Industriale" ("iSMART-flow: Integration of Special Magneto-Rheological Technologies and of Advanced Flow Control in Industrial Applications"), R&D Grant of Excellence, MATNANTECH Program, CEEX-M1-C2-1185/2006 - 2008, UEFISCSU, Romanian Ministry of Education and Research, Bucharest, Romania. Contract C64/10.08.2006. Total value: 1560000 RON (~ 450000 EUR). Value, UPT Partner: 1197400 RON (~ 342200 EUR).	2	4
5	[NatG 17]	Arjana Davidescu (Director), <u>Mihai V. Micea</u> , Marius Mateas, Erwin C. Lovasz, et al., "Metode de proiectare asistata - Intelligent CAD - folosite la personalizarea dispozitivelor de corectare a deficientelor de schelet" ("Intelligent CAD Methods for Personalization of Skeleton Deficiency Correction Devices"), CNCSIS R&D Grant, A-347/2006, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Total value: 21800 RON (~ 6550 EUR).	1	2

6	[NatG 16]	Erwin C. Lovasz (Director), Arjana Davidescu, Carmen Sticlaru, Milenco Luchin, Valentin Ciupe, <u>Mihai V. Micea</u> , et al., "INBIRE: Dezvoltarea si implementarea unor sisteme performante de investigare si recuperare a deformatiilor de coloana vertebrala la populatia de varsta scolara si categorii profesionale cu activitati sedentare" ("INBIRE: Development and Implementation of Some Investigation and Rehabilitation Systems for the Spinal Column Deformations to School Age Population and Professional Categories with Sedentary Activities"), R&D Grant of Excellence, CEEX-M1-C2-1612/2006 - 2008, UEFISCSU, Romanian Ministry of Education and Research, Bucharest, Romania. Contract C88/2006. Total value: 1500000 RON (~ 429000 EUR). Value, UPT Partner: 984050 RON (~ 281200 EUR).	2	4
7	[NatG 15]	Vladimir I. Cretu (Director), <u>Mihai V. Micea</u> (Research theme manager), Mircea Stratulat, Mircea Popa, Carmen Holotescu, Marius Marcu, Doru Todinca, et al., "OPEN-HARTS: Modelarea, proiectarea si dezvoltarea sistemelor timp-real pentru aplicatii critice de achizitii de semnal, prelucrare si control digital incorporat" ("OPEN-HARTS: Modeling, Design and Development of Real-Time Systems for Critical Applications of Digital Signal Acquisition and Processing, and Embedded Control"), CNCSIS R&D Grant, A-717/2005 - 2007, Research Theme 9/2006, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract A1/GR181/19.05.2006. Total value: 21995 RON (~ 6600 EUR).	1	2
8	[NatG 14]	Ioana Sora (Director), Vladimir-Ioan Cretu, Doru Todinca, <u>Mihai V. Micea</u> , Dan Cosma, Gabriela Bobu, "Metode, tehnici si structuri pentru aplicatiile informatice adaptive din domeniul comunicatiilor" ("Methods, Techniques and Structures for Adaptive Computing Applications"), CNCSIS R&D Grant, A-663/2005 - 2006, Research Theme 31/2006, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 2379/19.05.2006. Total value: 17200 RON (~ 5200 EUR).	1	2
9	[NatG 13]	Vladimir I. Cretu (UPT Partner project manager), Ciocarlie Horia, <u>Mihai V. Micea</u> , Dacian Tudor, et al., "Mediogrid: Prelucrare grafica paralela si distribuita pe structura grid a datelor geografice de mediu" ("Mediogrid: Parallel and Distributed Processing of Geographical and Environmental Data over Grid Structures"), R&D Grant of Excellence, 19-CEEX-I03-128/2005 - 2008, UEFISCSU, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 19-CEEX-I03-128/07.10.2005. Value, UPT Partner: 280270 RON (~ 84420 EUR).	3	6
10	[NatG 12]	Vladimir I. Cretu (Director), <u>Mihai V. Micea</u> (Research theme manager), Mircea Stratulat, Mircea Popa, Carmen Holotescu, Marius Marcu, Doru Todinca, et al., "OPEN-HARTS: Modelarea, proiectarea si dezvoltarea sistemelor timp-real pentru aplicatii critice de achizitii de semnal, prelucrare si control digital incorporat" ("OPEN-HARTS: Modeling, Design and Development of Real-Time Systems for Critical Applications of Digital Signal Acquisition and Processing, and Embedded Control"), CNCSIS R&D Grant, A-717/2005 - 2007, Research Theme 7/2005, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 27688/14.03.2005. Total value: 20995 RON (~ 6300 EUR).	1	2
11	[NatG 11]	Ioana Sora (Director), Vladimir-Ioan Cretu, Doru Todinca, <u>Mihai V. Micea</u> , Dan Cosma, Gabriela Bobu, "Metode, tehnici si structuri pentru aplicatiile informatice adaptive din domeniul comunicatiilor" ("Methods, Techniques and Structures for Adaptive Computing Applications"), CNCSIS R&D Grant, A-663/2005 - 2006, Research Theme 28/2005, CNCSIS, Romanian Ministry of Education and Research, Bucharest, Romania. Contract 27688/14.03.2005. Total value: 16600 RON (~ 5000 EUR).	1	2
12	[NatG 10]	Marius Biriescu (Director), Toma Dordea (Academician, Research theme manager), Vladimir I. Cretu, <u>Mihai V. Micea</u> , Martian Mot, Ioana Sora, et al., "Diagnoza si determinari de parametri la masini electrice" ("Diagnosis and Parameter Evaluation of Electrical Machines"), ANSTI R&D Grant, 5199/1999 - 2001, Research Theme B4/2001, ANSTI, National Agency for Science, Technology and Innovation, Bucharest, Romania. Total value: 84.9 Mil. ROL.	1	2
13	[NatG 9]	Marius Biriescu (Director), Toma Dordea (Academician, Research theme manager), Vladimir I. Cretu, <u>Mihai V. Micea</u> , Martian Mot, Ioana Sora, et al., "Diagnoza si determinari de parametri la masini electrice" ("Diagnosis and Parameter Evaluation of Electrical Machines"), ANSTI R&D Grant, 5199/1999 - 2001, Research Theme A4/2000, ANSTI, National Agency for Science, Technology and Innovation, Bucharest, Romania.	1	2
14	[NatG 8]	Mircea Stratulat (Director), <u>Mihai V. Micea</u> (Research theme manager), Calin Somosan, Daniela Stanescu, Mircea Romanitan, "QUASAR: Structuri avansate pentru analiza complexa a performantelor sistemelor de achizitii numerice a datelor" ("Advanced Structures for Complex Performance Analysis of Data Acquisition Systems"), CNCSIS R&D Grant, A-124/1999 - 2000, Research Theme 42/1999, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Contract 35034/24.01.1999. Total value: 8 Mil. ROL.	1	2

15	[NatG 7]	Marius Biriescu (Director), Toma Dordea (Academician, Research theme manager), Vladimir I. Cretu, <u>Mihai V. Micea</u> , Martian Mot, Ioana Sora, et al., "Testare, modelare si monitorizare in domeniul masinilor si echipamentelor electrice utilizand sisteme de achizitie si prelucrare a date" ("Electrical Machines and Equipment Testing, Modeling and Monitoring Using Data Acquisition and Processing Systems"), Major CNCSIS R&D Grant, C-24/1999 - 2001, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Total value: 150000 USD.	3	6
16	[NatG 6]	Marius Biriescu (Director), Toma Dordea (Academician, Research theme manager), Vladimir I. Cretu, Mihai V. Micea, Martian Mot, Ioana Sora, et al., "Diagnoza si determinari de parametri la masini electrice" ("Diagnosis and Parameter Evaluation of Electrical Machines"), ANSTI R&D Grant, 5199/1999 - 2001, Research Theme A1/1999, ANSTI, National Agency for Science, Technology and Innovation, Bucharest, Romania. Total value: 29 Mil. ROL.	1	2
17	[NatG 5]	Vladimir I. Cretu (Director), Marius Biriescu (Research theme manager), <u>Mihai V. Micea</u> , Martian Mot, Ioana Sora, "Produs program pentru inregistrarea si prelucrarea informatiilor obtinute din regimurile tranzitorii ale masinilor electrice" ("Data Recording and Processing Software for Transient Regimes Study of Electrical Machines"), CNCSIS R&D Grant, A-261/1998, Research Theme 3/1998, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Contract 36/1998. Total value: 19 Mil. ROL.	1	2
18	[NatG 4]	Vladimir I. Cretu (Director), Marius Biriescu (Research theme manager), <u>Mihai V. Micea</u> , Martian Mot, Ioana Sora, "Produs program pentru inregistrarea si prelucrarea informatiilor obtinute din regimurile tranzitorii ale masinilor electrice" ("Data Recording and Processing Software for Transient Regimes Study of Electrical Machines"), CNCSIS R&D Grant, A-798/1997, Research Theme 48/1997, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Contract 7004/1997. Total value: 8 Mil. ROL.	1	2
19	[NatG 3]	Vladimir I. Cretu (Director), Marius Biriescu (Research theme manager), Martian Mot, Ioana Sora, <u>Mihai V. Micea</u> , "Produs program pentru inregistrarea si prelucrarea informatiilor obtinute din regimurile tranzitorii ale masinilor electrice" ("Data Recording and Processing Software for Transient Regimes Study of Electrical Machines"), CNCSIS R&D Grant, A-344/1996, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Contract 5004/1996. Total value: 8 Mil. ROL.	1	2
20	[NatG 2]	Vladimir I. Cretu (Director), Marius Biriescu (Research theme manager), Martian Mot, Ioana Sora, <u>Mihai V. Micea</u> , "Sistem de achizitii de date pentru determinarea parametrilor electromagnetici" ("Data Acquisition System for Electromagnetic Parameters Determination"), MCT R&D Grant, 666-A1/1996 - 1998, MCT, Romanian Ministry of Research and Technology, Bucharest, Romania. Total value: 3 Mil. ROL.	1	2
21	[NatG 1]	Vladimir I. Cretu (Director), Marius Biriescu (Research theme manager), Martian Mot, Ioana Sora, Mihai V. Micea, "Produs program pentru inregistrarea si prelucrarea informatiilor obtinute din regimurile tranzitorii ale masinilor electrice" ("Data Recording and Processing Software for Transient Regimes Study of Electrical Machines"), CNCSIS R&D Grant, 4004/1995, CNCSIS, Romanian Ministry of Education, Bucharest, Romania. Contract 4004/1995. Total value: 3 Mil. ROL.	1	2
<b>TOTAL</b>				<b>62</b>

Candidat,  
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**Dosar pentru acordarea atestatului de abilitare**  
**Candidat: Prof. dr. ing. Mihai V. Micea**

**A3.1.1 - Citari in carti, reviste si volume ale unor manifestari stiintifice indexate ISI**

Nr. crt.	Sursa citare	Ref	Lucrarea citata	Nr. autori lucrare citata	Indicator realizat
1	Maksym Antonyuk, Mykhaylo Lobur, Volodymyr Antonyuk, "Design digital data acquisition and processing systems for embedded system", in Proceedings of the 3rd International Conference of Young Scientists, Perspective Technologies and Methods in MEMS Design, MEMSTECH 2007, Lviv Polytechn Natl Univ, Lviv, Ukraine, 23-26 May., 2007, pp. (54 - 60), ISBN 978-966-553-614-7.	[Labs 1]	<u>Mihai V. Micea</u> , "Sisteme de achizitie numerica a datelor: Indrumator de laborator", Politehnica University of Timisoara, Timisoara, Romania, Sep., 2000, 182 pg.. [Print Order 270].	1	8.00
2	Wladislaw Waag, Christian Fleischer, Dirk U. Sauer, "Critical review of the methods for monitoring of lithium-ion batteries in electric and hybrid vehicles", Journal of Power Sources, volume 258, Elsevier Science B.V., The Netherlands, Jul., 2014, pp. (321 - 339), ISSN 0378-7753, DOI: 10.1016/j.jpowsour.2014.02.064.	[Jrnl 24]	<u>Mihai V. Micea</u> , Lucian Ungurean, Gabriel N. Carstoiu, Voicu Groza, "Online State-of-Health Assessment for Battery Management Systems", IEEE Transactions on Instrumentation and Measurement, volume 60, issue 6, IEEE, Jun., 2011, pp. (1997 - 2006), ISSN 0018-9456.	4	2.00
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<b>TOTAL</b>					<b>65.19</b>

Candidat,  
Prof.dr.ing. Mihai V. MICEA

**Dosar pentru acordarea atestatului de abilitare**  
**Candidat: Prof. dr. ing. Mihai V. Micea**

**A3.1.2 - Citiri in carti, reviste si volume ale unor manifestari stiintifice indexate BDI**

Nr. crt.	Sursa citare	Baza de date	Ref	Lucrea citata	Nr. autori lucrare citata	Indicator realizat
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10	Kam-pang M. Tong, Kam-wah Wong, "Schematic interface of sound creation for computer animators", Journal of Zhejiang University-Science A, volume 7, issue 7, China, 2006, pp. (1141 - 1151), ISSN 1009-3095.	Springer Link	[Jrnl 9]	Mihai V. Micea, Mircea Stratulat, Dan Ardelean, Daniel Aioanei, "Implementing Professional Audio Effects with DSPs", Scientific Bulletin of the UPT: Transactions on Automatic Control and Computer Science, volume 46, issue 1, Stefan Holban (Eds.), Politehnica University of Timisoara, Timisoara, Romania, Apr., 2001, pp. (55 - 60), ISSN 1224-600X.	4	1.00
11	Ricardo A. Castillo, Joao M. Rosario, Oscar F. Aviles, "Coordination and Communication Strategy for Automation Collaborative Systems", in Proceedings of the International Congress of Mechanical Engineering, COBEM 2013, volume 22, ABCM, Ribeirao Preto, Brazil, 03-07 Nov., 2013, pp. (5219 - 5230), ISSN 2176-5480.	Google Scholar	[Conf 24]	Razvan D. Cioarga, Iuliana Nalatan, Sergiu Tura-Bob, Mihai V. Micea, Vladimir I. Cretu, Voicu Groza, "Emergent Exploration and Resource Gathering in Collaborative Robotic Environments", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (13 - 18), ISBN 978-1-4244-2594-5.	6	0.67
12	Yi Hu, Qing Guan, Hua Fu, Liang Han, "Implementation of reader-writer locks based on multimedia DSP", in Proceedings of the International Conference on Computational Problem-Solving, ICCP 2011, IEEE, Chengdu, China, 21-23 Oct., 2011, pp. (296 - 299), ISBN 978-1-4577-0602-8.	INSPEC	[Conf 22]	Mihai V. Micea, Cristina Certejan, Valentin Stangaciu, Razvan D. Cioarga, Vladimir I. Cretu, Emil M. Petriu, "Inter-Task Communication and Synchronization in the Hard Real-Time Compact Kernel HARETICK", in Proceedings of the International Workshop on Robotic and Sensors Environments, ROSE 2008, Mel Siegel, Pierre Payeur (Eds.), IEEE, Ottawa, Canada, 17-18 Oct., 2008, pp. (19 - 24), ISBN 978-1-4244-2594-5.	6	0.67
13	Yiqi Tew, KokSheik Wong, "An Overview of Information Hiding in H.264/AVC Compressed Video", IEEE Transactions on Circuits and Systems for Video Technology, volume 24, issue 2, IEEE, USA, Feb., 2014, pp. (305 - 319), ISSN 1051-8215, DOI: 10.1109/TCSVT.2013.2276710.	INSPEC	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, Mihai V. Micea, "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prosteian (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
14	Yunjung Lee, "Streaming Video Service Model using Secure Steganographic Method", International Journal of Security and Its Applications, volume 7, issue 6, Science and Engineering Research Support soCiety (SERSC), Sandy Bay, Australia, Dec., 2013, pp. (79 - 88), ISSN 1738-9976, DOI: 10.14257/ijisa.2013.7.6.08.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, Mihai V. Micea, "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prosteian (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
15	M. Jyotheeswari, V. Lokeswara Reddy, "A Novel Steganographic System for Data Hiding in Video or Audio", International Journal of Computer Applications, volume 82, issue 11, Foundation of Computer Science (FCS), New York, USA, Nov., 2013, pp. (31 - 36), ISSN 0975 - 8887, DOI: 10.5120/14162-2253.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, Mihai V. Micea, "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prosteian (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
16	Samer Atawneh, Putra Sumari, "Hybrid and Blind Steganographic Method for Digital Images Based on DWT and Chaotic Map", Journal of Communications, volume 8, issue 11, Engineering and Technology Publishing, USA, Nov., 2013, pp. (690 - 699), ISSN 1796-2021, DOI: 10.12720/jcm.8.11.690-699.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, Mihai V. Micea, "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prosteian (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
17	Xikai Xu, Jing Dong, Wei Wang, Tieniu Tan, "Video steganalysis based on the constraints of motion vectors", in Proceedings of the IEEE International Conference on Image Processing, ICIP 2013, volume 20, IEEE, Melbourne, Australia, 15-18 Sep., 2013, pp. (4422 - 4426), ISBN 978-1-4799-2341-0, DOI: 10.1109/ICIP.2013.6738911.	INSPEC	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, Mihai V. Micea, "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prosteian (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67

18	Sateesh Gudla, Suchitra Reyya, Aswini Kotyada, Aditya Sangam, "Key Based Least Significant Bit (LSB) Insertion for Audio and Video Steganography", International Journal of Computer Science Engineering Research and Development, volume 3, issue 1, Priyanka Research Journal (PRJ) Publication, Chennai, India, Jan., 2013, pp. (60 - 69), ISSN 2248 – 9371.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, <u>Mihai V. Micea</u> , "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
19	Kousik Dasgupta, Jyotsna K. Mandal, Paramartha Dutta, "Hash Based Least Significant Bit Technique for Video Steganography (HLSB)", International Journal of Security, Privacy and Trust Management, volume 1, issue 2, Academy and Industry Research Collaboration Center (AIRCC), India, Apr., 2012, pp. (1 - 11), ISSN 2319-4103.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, <u>Mihai V. Micea</u> , "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
20	Dipesh Agrawal, Nishant Khare, "Steganography and Steganalysis Using Service Oriented Architecture", International Journal of Electronics, Communication and Soft Computing Science and Engineering, issue Special Issue, New Delhi, India, 2012, pp. (77 - 78), ISSN 2277-9477.	Google Scholar	[Conf 17]	Daniela Stanescu, Mircea Stratulat, Bogdan Ciubotaru, Dan Chiciudean, Razvan D. Cioarga, <u>Mihai V. Micea</u> , "Embedding Data in Video Stream Using Steganography", in Proceedings of the 32-nd IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2007, Janos Fodor, Octavian Prostean (Eds.), Politehnica University of Timisoara and Budapest Tech, Timisoara, Romania, 17-18 May., 2007, pp. (241 - 244), ISBN 978-1-4244-1234-X.	6	0.67
21	Deepak S. Sakkari, T. G. Basavaraju, "Extensive Study on Coverage and Network Lifetime Issues in Wireless Sensor Network", International Journal of Computer Applications, volume 52, issue 8, Foundation of Computer Science (FCS), New York, USA, Aug., 2012, pp. (39 - 46), ISSN 0975–8887.	Google Scholar	[Conf 16]	Bogdan Ciubotaru, Razvan D. Cioarga, Dan Chiciudean, <u>Mihai V. Micea</u> , Mircea Stratulat, "Connectivity Improvement in Wireless Sensor Networks Based on Mobile Nodes", in Proceedings of the 24-th IEEE Instrumentation and Measurement Technology Conference, IMTC 2007, Roman Z. Morawski (Eds.), IEEE, Warsaw, Poland, 01-03 May., 2007, pp. (1640 - 1645), ISBN 978-1-4244-0588-6, ISSN 1091-5281.	5	0.80
22	Adnan Sultan, Madjid Merabti, Bob Askwith, Kashif Kifayat, "Network connectivity in Wireless Sensor Networks: a Survey", in Proceedings of the PGNet Conference, PGNet 2009, Liverpool, UK, 2009, pp. (1 - 5), ISBN 978-1-902560-22-9.	Google Scholar	[Conf 16]	Bogdan Ciubotaru, Razvan D. Cioarga, Dan Chiciudean, <u>Mihai V. Micea</u> , Mircea Stratulat, "Connectivity Improvement in Wireless Sensor Networks Based on Mobile Nodes", in Proceedings of the 24-th IEEE Instrumentation and Measurement Technology Conference, IMTC 2007, Roman Z. Morawski (Eds.), IEEE, Warsaw, Poland, 01-03 May., 2007, pp. (1640 - 1645), ISBN 978-1-4244-0588-6, ISSN 1091-5281.	5	0.80
23	Mahdi Zare, Gholamreza Danesfahani, "Synchronization of switching multi-rate hierarchical master-slave networks", in Proceedings of the 7th International Conference on Information, Communications and Signal Processing, ICICS 2009, IEEE, Macau, 08-10 Dec., 2009, pp. (1 - 5), ISBN 978-1-4244-4656-8.	INSPEC	[Conf 14]	Mihai Fagadar Cosma, Liviu D. Fanicu, <u>Mihai V. Micea</u> , "Data Routing and Remote Protocol Analysis using the TETHRA System", in Proceedings of the 32-nd Annual Conference of the IEEE Industrial Electronics Society, IECON 2006, Gerard A. Capolino, Leopoldo G. Franquelo (Eds.), IEEE, Paris, France, 06-10 Nov., 2006, pp. (603 - 608), ISBN 1-4244-0136-4, ISSN 1553-572X.	3	1.33
24	Narisetty M. Rao, H. R. Rao, "Bus Data Acquisition and Remote Monitoring System Using Gsm and Can", IOSR Journal of Electrical and Electronics Engineering, volume 8, issue 3, International Organization of Scientific Research (IOSR), India, Nov., 2013, pp. (88 - 92), ISSN 2320-3331.	Google Scholar	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
25	B. Santhikiran, S. Mallikharjuna Rao, "Multi Point Short Range Wireless Data Communication System Using Zigbee Network", International Journal of Research in Computer Engineering and Electronics, volume 1, issue 2, Dolphin Journal Systems, Madhya Pradesh, India, Oct., 2012, pp. (1 - 6), ISSN 2319-376X.	Google Scholar	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
26	Manoj K. Meena, Neelam R. Prakash, "ARM7TDMI Based Low Cost Portable Serial Asynchronous Protocol Analyzer", International Journal of Computer Applications, volume 40, issue 7, Foundation of Computer Science (FCS), New York, USA, Feb., 2012, pp. (27 - 32), ISSN 0975–8887.	Google Scholar	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00

27	Yutthana Kanthaphayao, Uthen Kamnarn, Viboon Chunkag, "Redundant Operation of a Parallel AC to DC Converter via a Serial Communication Bus", Journal of Power Electronics, volume 11, issue 4, Korean Institute of Power Electronics (KIPE), Seoul, Republic of Korea, Jul., 2011, pp. (533 - 541), ISSN 1598-2092 .	Google Scholar	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
28	Bing Guo, Xiaohong Zeng, "A New Distributed Multi-parameter Remote Wireless Monitoring System", in Lecture Notes in Electrical Engineering, volume 99, Springer Berlin Heidelberg, Nanchang, China, Jun., 2011, pp. (425 - 432), ISBN 978-3-642-21746-3, ISSN 1876-1100.	Springer Link	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
29	Jun Cai, Shun-Zheng Yu, Jing-li Liu, "The Design of a Wireless Data Acquisition and Transmission System", Journal of Networks, volume 4, issue 10, Academy Publisher, Oulu, Finland, Dec., 2009, pp. (1042 - 1049), ISSN 1796-2056.	DBLP	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
30	Farshad Arvin, Shyamala Doraisamy, "A Real-Time Note Transcription Technique Using Static and Dynamic Window Sizes", in Proceedings of the IEEE International Conference on Signal Acquisition and Processing, ICSAP 2009, IEEE, Kuala Lumpur, Malaysia, 03 Apr. - 05 May., 2009, pp. (30 - 33), ISBN 978-0-7695-3594-4.	INSPEC	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
31	Farshad Arvin, Shyamala Doraisamy, "Real-Time Pitch Extraction of Acoustical Signals Using Windowing Approach", Australian Journal of Basic and Applied Sciences, volume 3, issue 4, INSInet, Australia, 2009, pp. (3557 - 3563), ISSN 1991-8178.	Google Scholar	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
32	Bin Sun, Yue-li Hu, Kun Wang, "Diagnosis Design Based on KWP2000 in Body Control Module", in Proceedings of the International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2011, IEEE, Shanghai, China, 06-07 Jan., 2011, pp. (1071 - 1074), ISBN 978-1-4244-9010-3.	INSPEC	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
33	Farshad Arvin, Shyamala Doraisamy, "A real time signal processing technique for MIDI generation", in Proceedings of the 7th Conference on Circuits, systems, electronics, control and signal processing, CSECS 2008, World Scientific and Engineering Academy and Society (WSEAS), Wisconsin, USA, 2008, pp. (197 - 201), ISBN 978-960-474-035-2.	ACM	[Conf 13]	Mircea Popa, Anca S. Popa, Vladimir I. Cretu, <u>Mihai V. Micea</u> , "Monitoring Serial Communications in Microcontroller Based Embedded Systems", in Proceedings of the 32-nd IEEE International Conference on Computer Engineering & Systems, ICCES 2006, Hossam M. A. Fahmy, Ashraf M. Salem, Watheq M. El-Kharashi, Ayman M. Bahaa El-Din (Eds.), IEEE, Cairo, Egypt, 05-07 Nov., 2006, pp. (56 - 61), ISBN 1-4244-0271-7.	4	1.00
34	Corina Gruescu, Renata Bodea, Alis Garaiman, Marius Costache, Erwin Lovasz, "Relative Rotation Angle Between Spinal Vertebrae Using Complex Shape Markers", Annals of the Oradea University, Fascicle of Management and Technological Engineering, volume 7, issue 17, Oradea University, Oradea, Romania, 2008, pp. (847 - 852), ISSN 1583-0691.	Google Scholar	[Conf 8]	Erwin C. Lovasz, Marius Mateas, <u>Mihai V. Micea</u> , "Determination of the Human Spine Geometry with CCD-Camera", in Proceedings of the Scientific Reunion of the Special Program of the Alexander von Humboldt Foundation - Sustainability for Humanity and Environment in the Extended Connection Field Science-Economy-Policy, SRSPAH 2005, volume 2, Ioana Ionel, Mihai Jadanent, Paul D. Oprisa Stanescu, Gelu Padure (Eds.), Editura Politehnica, Timisoara, Romania, 24-25 Feb., 2005, pp. (292 - 295), ISBN 973-625-206-X.	3	1.33
<b>TOTAL</b>						<b>30.63</b>

**Dosar pentru acordarea atestatului de abilitare**  
**Candidat: Prof. dr. ing. Mihai V. Micea**

**A3.3.1 - Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice - indexate ISI**

Nr. crt.	Activitatea	Indicator realizat
1	Copresedinte sesiune, International Congress on Computer Applications and Computational Science (CACS 2011), International Research Alliance for Science and Technology (IRAST), Sesiunea 3 - Computer Networks and Communications, Nov. 2011.	10
2	Membru comitetul de recenzie, revista Journal of Systems and Software, Elsevier B. V., Amsterdam, The Netherlands, ISSN 0164-1212, 2013 - prezent.	10
3	Membru comitetul de recenzie, revista Electronics and Electrical Engineering, Kaunas University of Technology, Kaunas, Lithuania, ISSN 1392-1215, Dec. 2009.	10
4	Membru comitetul de recenzie, revista IEEE Transactions on Instrumentation and Measurement, IEEE, Instrumentation and Measurement Society, USA, ISSN 0018-9456, 2005 - prezent.	10
5	Membru comitetul de recenzie, revista Advances in Electrical and Computer Engineering, Stefan cel Mare University of Suceava, Romania, ISSN 1582-7445, 2001 - prezent.	10
<b>TOTAL</b>		<b>50</b>

**A3.3.2 - Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice - indexate BDI**

Nr. crt.	Activitatea	Indicator realizat
1	Membru in comitetul de organizare si Copresedinte sesiune speciala "PhD Student Research in Applied Informatics I", IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2013, IEEE, Timisoara, Romania, Mai 2013.	6
2	Membru al Comitetului Tehnic de Program (TPC), IEEE International Symposium on RObotic and Sensors Environments, ROSE 2013, IEEE, Instrumentation and Measurement Society, Washington, USA, Oct. 2013.	6
3	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications, CIVEMSA 2013, IEEE, Instrumentation and Measurement Society, Milan, Italy, Iul. 2013.	6
4	Presedinte sesiune, "Intelligent Sensing & New Sensor Technologies", IEEE International Symposium on RObotic and Sensors Environments, ROSE 2012, IEEE, Instrumentation and Measurement Society, Magdeburg, Germany, Nov. 2012.	6
5	Membru al Comitetului Tehnic de Program (TPC), IEEE International Symposium on RObotic and Sensors Environments, ROSE 2012, IEEE, Instrumentation and Measurement Society, Magdeburg, Germany, Nov. 2012.	6
6	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Virtual Environments: Human-Computer Interfaces and Measurement Systems, VECIMS 2012, IEEE, Instrumentation and Measurement Society, Tianjin, China, Jul. 2012.	6
7	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Virtual Environments: Human-Computer Interfaces and Measurement Systems, VECIMS 2011, IEEE, Instrumentation and Measurement Society, Ottawa, Canada, Sep. 2011.	6

8	Membru al Comitetului Tehnic de Program (TPC), IEEE International Symposium on RObotic and Sensors Environments, ROSE 2011, IEEE, Instrumentation and Measurement Society, Montreal, Canada, Sep. 2011.	6
9	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Virtual Environments: Human-Computer Interfaces and Measurement Systems, VECIMS 2010, IEEE, Robotics and Automation Society, Shanghai, China, May. 2011.	6
10	Membru al Comitetului Tehnic de Program (TPC), IEEE International Workshop on RObotic and Sensors Environments, ROSE 2010, IEEE, Instrumentation and Measurement Society, Phoenix, AZ, USA, Oct. 2010.	6
11	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Virtual Environments: Human-Computer Interfaces and Measurement Systems, VECIMS 2010, IEEE, Instrumentation and Measurement Society, Taranto, Italy, Sep. 2010.	6
12	Membru al Comitetului Tehnic de Program (TPC), IEEE International Workshop on RObotic and Sensors Environments, ROSE 2009, IEEE, Instrumentation and Measurement Society, Lake Como, Italy, Nov. 2009.	6
13	Membru al Comitetului Tehnic de Program (TPC), IEEE International Conference on Virtual Environments: Human-Computer Interfaces and Measurement Systems, VECIMS 2009, IEEE, Instrumentation and Measurement Society, Hong Kong, China, May. 2009.	6
<b>TOTAL</b>		<b>78</b>

**A3.3.3 - Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice - nationale si internationale neindexate**

Nr. crt.	Activitatea	Indicator realizat
1	Coordonator tematica (Topic Chair), International Conference of Technical Informatics, CONTI 2008, Politehnica University of Timisoara, Romania, Sectiunea C-3 - Embedded Systems, Jun. 2008.	3
2	Membru al Comitetului Tehnic de Program (TPC), International Conference on Development and Application Systems, Stefan cel Mare University of Suceava, Romania, editiile 6 - 10 (DAS 2002, DAS 2004, DAS 2006, DAS 2008 si DAS 2010), 2002 - 2010.	3
3	Membru comitetul de recenzie, revista Scientific Bulletin of the UPT: Transactions on Automatic Control and Computer Science, Politehnica University of Timisoara, Romania, ISSN 1224-600X, 2004-2008.	3
4	Membru al Comitetului de Organizare Conferinta, International Conference of Technical Informatics, CONTI, Politehnica University of Timisoara, Romania, editiile 2 - 5 (CONTI 1996, CONTI 1998, CONTI 2000 si CONTI 2002), 1996 - 2002.	3
<b>TOTAL</b>		<b>12</b>

Candidat,  
Prof.dr.ing. Mihai V. MICEA

**Dosar pentru acordarea atestatului de abilitare****Candidat: Prof. dr. ing. Mihai V. Micea****A3.4.1 - Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale**

Nr. crt.	Ref	Premiul decernat	Indicator realizat
1	[Awrđ 8]	Premiul Teza de Doctorat a Anului 2004, Romanian Academy of Technical Sciences (ASTR), Timisoara Branch, Romania, Apr.2006.	15
<b>TOTAL</b>			<b>15</b>

**A3.4.2 - Premii in domeniu - premii nationale**

Nr. crt.	Ref	Premiul decernat	Indicator realizat
1	[Awrđ 16]	Premiul special, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 20, ca si supervizor al echipei Timisoara 3, 19-26.May.2013.	5
2	[Awrđ 15]	Premiul II, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 19, ca si supervizor al echipei Timisoara 1, 13-20.May.2012.	5
3	[Awrđ 14]	Mentiune speciala, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 19, ca si supervizor al echipei Timisoara 2, 13-20.May.2012.	5
4	[Awrđ 11]	Premiul II, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 14, ca prim antrenor al echipei din Timisoara, 21-26.May.2007.	5
5	[Awrđ 10]	Diploma si medalia Tanarul Cercetator Eminent al Timisoarei, National Authority for Scientific Research (ANCS), Ministry of Education, Research and Innovation, Bucharest, Romania, Dec.2006.	5
6	[Awrđ 9]	Diploma Cercetator Eminent, Orizonturi Universitare Asociation, Timisoara, Romania, Dec.2006.	5
7	[Awrđ 7]	Premiul I, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 12, ca prim antrenor al echipei din Timisoara, 16-21.May.2005.	5
8	[Awrđ 6]	Distinctia Cum Laude, Ministry of Education and Research, Bucharest, Romania, Ordin nr. 3184/07.02.2005, titlul Tezei de Doctorat: "Proiectarea si implementarea sistemelor timp-real pentru aplicatii critice de achizitie si prelucrare numerica de semnal", 07.Feb.2005.	5
9	[Awrđ 5]	Premiul II, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 9, ca prim antrenor al echipei din Timisoara, 20-25.May.2002.	5
10	[Awrđ 4]	Premiul II, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 7, ca antrenor al echipei din Timisoara, 15-20.May.2000.	5
11	[Awrđ 3]	Premiul I, Concursul International Anual Studentesc de Calculatoare "Hard&Soft", Stefan cel Mare University of Suceava, Romania, Editia 6, ca antrenor al echipei din Timisoara, 17-22.May.1999.	5
<b>TOTAL</b>			<b>55</b>

Candidat,  
Prof.dr.ing. Mihai V. MICEA