

LISTA DE LUCRĂRI

Prof.univ.dr. Ioan DZITAC

A) Lista celor maxim 10 lucrări relevante (Logică fuzzy și aplicații)

1. . Nădăban, **I. Dzitac**, Some properties and applications of fuzzy quasi-pseudo-metric spaces, *Informatica*, 27(1): 141-159, 2016.
2. S. Nădăban, S. Dzitac, **Ioan Dzitac**, Fuzzy TOPSIS: A General View, *Procedia Computer Science*, 91: 823-831, 2016.
3. **Dzitac I.**, The Fuzzification of Classical Structures: A General View, *International Journal of Computers Communications & Control*, 10(6): 775-793, 2015.
4. Stanojevic B., **Dzitac I.**, Dzitac S., On the ratio of fuzzy numbers exact membership function computation and applications to decision making, *Technological and Economic Development of Economy*, ISSN: 2029-4913, 21(5):815-832, 2015.
5. S. Nădăban, **I. Dzitac**, Atomic decompositions of fuzzy normed linear spaces for wavelet applications, *Informatica*, 25(4):643-662, 2014.
6. S. Nădăban, **I. Dzitac**, Special Types of Fuzzy Relations, 2nd International Conference on Information Technology and Quantitative Management, ITQM 2014, *Procedia Computer Science*, 31C:552-557, 2014.
7. Dzitac S., Felea I., **Dzitac I.**, Vesselenyi T., An Application of Neuro-Fuzzy Modelling to Prediction of some Incidence in an Electrical Energy Distribution Center, *International Journal of Computers Communications & Control*, 3(S): 287-292, 2008.
8. Pop B., **Dzitac I.**, (2006), On a Fuzzy Approach to Solving Multiple Criteria Fractional Programming Problem, *International Journal of Computers, Communications and Control*, 1 (S): 381-385, 2006
9. **Dzitac I.**, Pop B., (2006), On Triangular Fuzzy Numbers Arithmetic Approximations in Linear Optimization, *Bull. Transilv. Univ. Brasov Ser. B*, ISSN 1223-964X, Vol. 48, pp. 15-20, 2006.
10. Pop B., **Dzitac I.**, Fuzzy Control Rules in Convex Optimization, *Studies in Informatics and Control*, ISSN 1220-1766., Vol16, No.4 pp. 363-366, 2006.

B) Teza de doctorat

- Dzitac I., *Procedee de calcul paralel și distribuit în rezolvarea unor ecuații operatoriale*, Universitatea "Babeș-Bolyai" din Cluj Napoca, 2002.

C) Brevete de invenție -

D) Cărți

a) Apărute în edituri recunoscute CNCS

1. **Ioan Dzitac**, *Parallel and Distributed Methods for Algebraic Systems Resolution*, CCC Publications, Agora University Publishing House, ISBN (10) 973-87960-8-3 ; ISBN (13)978-973-87960-8-9, 150 p., 2006.
2. **Ioan Dzitac**, Grigor Moldovan, *Sisteme distribuite: Modele informatice*, Ed. Univ. Agora, 2006, ISBN (10) 973-87960-9-1 ; ISBN (13)978-973-87960-9-6, 146 p.
3. Grigor Moldovan, **Ioan Dzitac**, *Sisteme distribuite: Modele matematice*, Ed. Univ. Agora, 2006, ISBN (10) 973-88205-0-2 ; ISBN (13)978-973-88205-0-0, 170 p.

4. **Ioan Dzițac**, *Calcul paralel*, Ed. Univ. din Oradea, ISBN 973-049-5, , 397 p, 2001.
5. **Ioan Dzițac**, Gabriela Turcuș, Adela Tripe, Adrian Cătaș, *Metoda Monte Carlo - Hazard si determinism*, Ed. Univ. din Oradea, ISBN 973-8193-07-9 (2000), 198 p.
6. **Ioan Dzițac**, *Inteligența artificială*, Ed. Univ. Aurel Vlaicu, Arad, 2008, ISBN 978-973-752-292-4, 182 p.
7. **Ioan Dzițac**, *Matematică economică*, Ed. Univ. Agora, ISBN 973-86723-2-5 (2005), 292 p.
8. **I. Dzițac**, I. Mang, G. Sadoveanu, *Didactica informaticii*, Ed. Univ. din Oradea, ISBN 973-049-5 (2003), 526 p.
9. **I. Dzițac I.**, B. Bede, S. Dzițac, A. Madar, G.I., G.I. Oros, *Analiză matematică: Calcul diferențial*, Ed. Univ. din Oradea, ISBN 973-613-050-9 (2001), 207 p.
10. **I. Dzițac**, L. Seremi, S. Dzițac, A. Cătaș, G. I. Oros, *Matematici speciale- Elemente de algebră, Geometrie analitică, Probabilități*, Ed. Univ. din Oradea, ISBN 973-613-044-4 (2001), 247 p.
11. **I. Dzitac**, A. Bica, A. Madar, I. Stoica, *Matematici speciale-Functii complexe, Ecuatii diferentiale*, Ed. Univ. din Oradea, ISBN 973-8083-33-8 (2000), 41 p.
12. Ioan Dzitac , Adrian Madar, *Analiza matematica -Calcul integral* Ed. Univ. din Oradea, ISBN 973-8083-03-6 (2000), 174 p.
13. Dan Beța, **Ioan Dzițac**, *Baze de date în economie. Lucrări practice de laborator*, Ed. Universității Agora, ISBN 978-973-1807-50-8 (2013), 111 p.
14. G. Oros, A. Cătaș, G.I. Oros, **I. Dzițac**, S. Dzițac, *Functii complexe - Culegere de probleme*, Ed. Univ. din Oradea, ISBN 973-613-396-6 (2003), 236 p.
15. **Ioan Dzițac**, Eugen Laslo, *Programarea paralela utilizând PVM*, Ed. Univ. din Oradea, ISBN 973-613-409-1 (2003), 144 p.
16. **Ioan Dzițac**, Marcel Pantea, Simona Dzițac, *Ghid metodic - Algebra de liceu- clasa IX-a*, Ed. Univ. din Oradea, ISBN973-8193-01 - X (2000), 178 p.

b) Coordonarea unor volume colective publicate în edituri recunoscute CNCS

1. L. A. Zadeh, D. Tufis, F.G. Filip, **I. Dzitac** (eds.), *From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence*, Editing House of Romanian Academy, ISBN: 978-973-27-1678-6, 2008, 268 p.;
2. **I. Dzitac**, T. Maghiar, C. Popescu (eds.), *Proceedings of International Conference on Computers and Communications (ICCC 2004)*, 27-29 May, 2004, Baile Felix- Oradea, Ed. Univ. din Oradea, ISBN 973-613-542 - X (2004), 434 p.
3. T. Maghiar, A. Georgescu, M. Balaj, **I. Dzitac**, I. Mang (eds.), *Proceedings of the 11th Conference on applied and industrial mathematics (CAIM 2003)*, Vol. 1, Ed. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-331-1(2003), 248 p.
4. T. Maghiar, A. Georgescu, M. Balaj, **I. Dzitac**, I. Mang (eds.), *Proceedings of the 11th Conference on Applied and industrial Mathematics (CAIM 2003)*, Vol. 2, Ed. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-332 - X (2003), 180 p.

c) Capitole în cărți

1. Felea I., Dzitac S., Popentiu F., **Dzitac I.**, Models of availability maximization applied to "k-out-of-n" structures for power systems, Chapter in book: Reliability, Risk and Safety: Theory and Applications - Bris, Guedes Soares & Martorell (eds), Taylor & Francis Group, London, CRC Press 2009, Print ISBN: 978-0-415-55509-8, eBook ISBN: 978-0-203-85975-9, pp. 607-614. (ISI Proceedings Paper, WOS:000281188500083).
<http://www.crcnetbase.com/doi/abs/10.1201/9780203859759.ch83>

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5. **Dzitac I.**, Dzitac S., Valeanu E., Web Distributed Computing for Landscape Architecture, Chapter in Eleftheriadis, N., Styliadis, A., Paliokas, I. (eds), Proceedings of the LANT07, ISBN 978-960-363-027-2., International Conference Landscape Architecture and New Technologies, 25-26 May 2007, Drama, Greece, pp. 25-36, 2007.
6. Lupse V., **Dzitac I.**, Dzitac S. , Valeanu E. , (2007), A Project of Commercial Module of an ERP System for SME, Chapter in Informatics in Knowledge Society, Proc. of The Eighth International Conference on Informatics in Economy IE 2007 - May 17-18, ISBN 978-973-594-921-1, pp. 441-446, 2007.
7. **Dzitac I.**, Dzitac S., Oros H., (2004), Some parallel implementation of Random Filtered Asynchronous Iterative Method, Chapter in Proc. of the International Conference of Computers and Communications, ICC 2004, Baile Felix - Oradea, Ed. Univ. din Oradea, ISBN 973-613-542 - X, pp. 139-146, 2004.
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10. **Dzitac I.**, Moldovan G., Oros H., A Parallel Procedure for the Exhaustive Numerical Resolution of the Polynomial Equations, Chapter in Proc. of The 11th Conference on Applied and Industrial Mathematics (CAIM 2003), Oradea, Edit. Univ. din Oradea, ISBN 973-613-330-3 (gen.), ISBN 973-613-331-1, pp. 94-96, 2003.
11. **Dzitac I.**, (2002), A Survey of Taxonomy of the Parallel Computers, Chapter in Proceedings of The 27th Annual Congress of the American Romanian Academy of Arts and Sciences (ARA), Polytechnic International Press, Montreal, Canada, ISBN 2-553-01024-9, pp. 672-673, 2002.

E) Articole in extenso, publicate în reviste din fluxul științific internațional principal

I. Articole științifice publicate în reviste de specialitate cotate ISI

1. Nadaban S., **Dzitac I.**, Some Properties and Applications of Fuzzy Quasi-Pseudo-Metric Spaces, Informatica, ISSN: 0868-4952, Vol.27, No.1, pp. 141–15, 2016, (Article WOS:000373315100007, IF=1,386).
2. Stanojevic B., **Dzitac I.**, Dzitac S., On the ratio of fuzzy numbers exact membership function computation and applications to decision making, Technological and Economic Development of Economy, ISSN: 2029-4913, Vol.21, No.5, pp. 815-832, 2015 (Article WOS:000361984500009, IF=1,952).
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4. **Dzitac I.**, Impact of Membrane Computing and P Systems in ISI WoS. Celebrating the 65th Birthday of Gheorghe Păun, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.10, No.5, pp. 617-626, October, 2015 (Article WOS:000358340900001, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2015.5.2024>
5. Nadaban S., **Dzitac I.**, Atomic Decompositions of Fuzzy Normed Linear Spaces for Wavelet Applications, Informatica, ISSN: 0868-4952, Vol.25, No.4, pp. 643-662, 2014 (Article WOS:000347513200007, IF=1,386).
6. Felea I., Dzitac S., Vesselenyi T., **Dzitac I.**, Decision Support Model for Production Disturbance Estimation, International Journal of Information Technology & Decision Making, World Scientific Publishing Company, Vol.13, No.3, pp. 623-647, 2014 (Article WOS:000336411100009, IF=1,183).
<http://www.worldscientific.com/doi/abs/10.1142/S0219622014500576>
7. Albu R.D., **Dzitac I.**, Popentiu-Vladicescu F., Naghiu I.M., Input Projection Algorithms Influence in Prediction and Optimization of QoS Accuracy, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.9, No.2, pp. 132-139, 2014 (Article WOS:000332352800001, IF=0,627).
8. Brasoveanu A.M.P., **Dzitac I.**, The Role of Visual Rhetoric in Semantic Multimedia: Strategies for Decision Making in Times of Crisis, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.7, No.4, pp.605-615, 2012 (Article WOS:000308334500002, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2012.4.1361>
9. **Dzitac I.**, Vesselenyi T., Tarca R. C., Identification of ERD using Fuzzy Inference Systems for Brain-Computer Interface, International Journal of Computers Communications & Control, Special Issue on Fuzzy Sets and Systems, Vol.6, No.3, pp. 403-417, 2011 (Article WOS:000294513700003, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2011.3>
10. Andonie R., **Dzitac I.** (2010), How to Write a Good Paper in Computer Science and How Will It Be Measured by ISI Web of Knowledge, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.5, No.4, pp. 432-446, 2010 (Article WOS:000282600700002, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2010.4>
11. Negulescu S. C., **Dzitac I.**, Lascu A. E., Synthetic Genes for Artificial Ants. Diversity in Ant Colony Optimization Algorithms, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.5, No.2, pp. 216-223, 2010 (Article WOS:000275741400008, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2010.2>
12. Secui D. C., Dzitac S. , Bendea G.V., **Dzitac I.**, An ACO Algorithm for Optimal Capacitor Banks Placement in Power Distribution Networks, Studies in Informatics and Control, ISSN 1220-1766, Vol.18, No.4, pp. 305-314, 2009 (Article WOS:000272759700002, IF=0,723).
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14. Vesselenyi T., **Dzitac I.** , Dzitac S., Vaida V., Surface Roughness Image Analysis using Quasi-Fractal Characteristics and Fuzzy Clustering Methods, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.3, pp. 304-316, 2008 (Article WOS:000257275300008, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2008.3>
15. Lupse V., **Dzitac I.**, Dzitac S., Manolescu A., Manolescu M.-J., CRM Kernel-based Integrated Information System for a SME: An Object-oriented Design, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.S, pp. 375-380, 2008 (Article WOS:000257497600059, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2008.5>
16. Dzitac S., Felea I., **Dzitac I.**, Vesselenyi T., An Application of Neuro-Fuzzy Modelling to Prediction of some Incidence in an Electrical Energy Distribution Center, International Journal of Computers Communications & Control, ISSN 1841-9836., Vol.3, No.S, pp. 287-

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17. Vesselenyi T., Dzitac S., **Dzitac I.**, Manolescu M.-J., Fuzzy and Neural Controllers for a Pneumatic Actuator, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.2, No.4, pp. 375-387, 2007 (Article WOS:000255333100007, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2007.4>
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II. ISI Proceedings

1. Heeseok Lee, Yong Shi, Jongwon Lee, Felisa Cordova, **Ioan Dzitac**, Gang Kou, Jaiping Li, Promoting Business Analytics and Quantitative Management of Technology: Preface for ITQM 2016, Procedia Computer Science, Volume 91, Pages 1-8, 2016. <http://dx.doi.org/10.1016/j.procs.2016.07.103>
2. Sorin Nădăban, Simona Dzitac, **Ioan Dzitac**, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, Pages 823-831, 2016. <http://dx.doi.org/10.1016/j.procs.2016.07.088>
3. Benta D., Bologa G., Dzitac S., **Dzitac I.** (2015), University Level Learning and Teaching via E-Learning Platforms, 3rd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Volume 55C, 2015, Pages 1366-1373 (Proceedings Paper WOS:000360101400156). [doi:10.1016/j.procs.2015.07.123](http://dx.doi.org/10.1016/j.procs.2015.07.123)
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5. Benta D., Bologa G., **Dzitac I.**, E-learning Platforms in Higher Education. Case Study, 2nd International Conference on Information Technology and Quantitative Management, ITQM 2014, Procedia Computer Science, Volume 31C, 2014, pp. 1170-1176, 2014 (Proceedings Paper WOS:000360713800135). [doi:10.1016/j.procs.2014.05.373](http://dx.doi.org/10.1016/j.procs.2014.05.373)
6. Vesselenyi T., **Dzitac I.**, Dzitac S., Hora C., Porumb C., Preliminary Issues On Brain - Machine Contextual Communication Structure Development, SOFA 2009, IEEE Proceedings, ISBN 978-1-4244- 5054-1, pp. 35-40, 2009. (Proceedings Paper WOS:000275159600007). DOI: [10.1109/SOFA.2009.5254882](http://dx.doi.org/10.1109/SOFA.2009.5254882)
7. Hora C., Vesselenyi T., Dzitac S. , **Dzitac I.**, Hora H., Wear Simulation through Cellular Automata Method, 2009 IEEE Proceedings, ISBN 978-1-4244-5054-1, pp. 41-46, 2009. (Proceedings Paper WOS:000275159600008). DOI: [10.1109/SOFA.2009.5254879](http://dx.doi.org/10.1109/SOFA.2009.5254879)
8. **Dzitac I.** , Moisil I., Advanced AI Techniques for Web Mining, Proc. of MAMECTIS '08, ISSN 1790-2769, pp. 343-346, 2008 (Proceedings Paper WOS:000262507100062). <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.325.5536&rep=rep1&type=pdf>

III. Articole științifice publicate în reviste de specialitate indexate în baze de date internaționale

1. Dzitac S., Vesselenyi T., Dzitac I., Pârv M., A Fuzzy Algorithm for Reliability. Simulation of an Electric Station, ROMAI J., Vol.5, No.2, pp. 49-58, 2009.

2. Vesselenyi T., Dzitac S., Dzitac I., Vesselenyi I., An Experimental Setup for a Brain-Computer Interface, *Annals of the Oradea University. Fascicle of Management and Technological Engineering*, Vol. 8 (XVIII), pp. 888-891, 2009.
3. Dzitac I., A letter from the associate editor in chief, *International Journal of Computers, Communications and Control*, vol.3, No.3, pp. 220-220, 2008 (Letter, Scopus).
4. Dzitac S., Goia H., Dzitac I., Carlan M., Optimization of the Number of Executans in Maintenance Works, *ROMAI J.*, ISSN 841-5512, Vol. 3, pp. 125-140, , 2007 (MathSciNet MR2670875 90B25).
5. Pop B., Dzitac I., (2007), Mixed Variables Fuzzy Programming Algorithm, *Studies in Informatics and Control*, ISSN 1220-1766, Vol.17, No.2, pp. 185-190, 2007.
6. Dzitac S., Vesselenyi T., Dzitac I., Valeanu E., (2007), Electrical Power Station Reliability Modelling Procedure using The Monte Carlo Method, *IFAC PapersOnLine*, ISBN 978-3-902661-31-9, 4:625-700, 2007. DOI: [10.3182/20070927-4-RO-3905.00115](https://doi.org/10.3182/20070927-4-RO-3905.00115)
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8. Pop B., Dzitac I., (2006), On Choosing Proper Linguistic Description for Fractional Functions in Fuzzy Optimization, *Acta Univ. Apulensis, Math. and Informatics*, ISSN 1582-5329, No. 12, pp. 63-72, 2006.
9. Dzitac I., Dzitac S., Valeanu E., Synchronous and Asynchronous Parallelization of Some Classical Methods For Systems Resolution, *Studii si Cercetari Stiintice, Ser. Mat. Univ. Bacau*, ISSN 1224-2519, No. 16 (Suppl.): pp. 409-422, 2006 (MathSciNet MR2318969 65H10 65Y05 68W10).
10. Dzitac I., Pop B., (2006), On Triangular Fuzzy Numbers Arithmetic Approximations in Linear Optimization, *Bull. Transilv. Univ. Brasov Ser. B*, ISSN 1223-964X, Vol. 48, pp. 15-20, 2006.
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14. Veres M., Dzitac I., Hora C., On Simulation Models of the Dynamic Behaviour of the Hydro Energetic Equipments, *ROMAI J.*, ISSN 841-5512, Vol. I, No. 1, pp. 205-208, 2005.
15. Lupse V., Dzitac I., (A design based of object programming of a module of integrated ERP systems of small and medium enterprises, *Acta Univ. Apulensis, Math. and Informatics*, ISSN 1582-5329, Nr. 10, pp. 275-282, 2005.
16. Dzitac I., Dzitac S., Oros H., Some parallel procedures for computing the eigenvalues of a real symmetric matrix, *Acta Univ. Apulensis Math. Inform.*, ISSN 1582-5329, No. 6, pp. 111-116, 2003 (MathSciNet MR2060693 65F15).
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20. Dzitac I., Dzitac S. , Oros H. , (2002), Some Asynchronous Iterative Procedures For Fixed Point System Resolution, Carpathian Journal of Mathematics/Bul. St. Univ. Baia Mare, Seria B, Mat. Inf., ISSN 1584-2851, Vol. XVIII, Nr. 2, pp. 205-210, 2002.
21. Dzitac I. , (2001), A binary graph for the parallel architecture, The PAMM's periodical Bull. for Appl. & Computer Mathematics, BAM - 1906/2001 (XCVI - C), Budapest, pp. 151-164, 2001, ISSN 0133-3526.
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23. Dzitac I., Random-filtered asynchronous iterative method, Bul. Stiint. Univ. Baia Mare Ser. B Fasc. Mat.-Inform., Vol.16, no. 1, 17-24, 2000 (MathSciNet MR1832120 65J15 65H10).
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F. Publicații in extenso, apărute în volumele unor conferințe internaționale de specialitate

G. Alte lucrări și contribuții științifice

a) Materiale editoriale și articole biografice

1. Filip F.G., **Dzitac I.**, Editorial Challenge: From a Quarterly to a Bimonthly Journal, International Journal of Computers Communications & Control, Vol.7, No.5, pp. 796-797, 2012 (Editorial Material WOS:000310664900001, IF=0,764).
2. **Dzitac I.** (2008), ICCCC 2008 & EWNLC 2008 Celebrates Bardeen's Centenary and Welcomes Professor Zadeh, International Journal of Computers Communications & Control, ISSN 1841-9836, Vol.3, No.5, pp. 16-25, 2008 (Editorial Material WOS:000257497600001, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2008.5>
3. **Dzitac I.**, Manolescu M.-J., Oros H., Valeanu E., 60 Years from Birth of Academician F.G. Filip, International Journal of Computers Communications & Control, Vol.2, No.3, pp. 209-216, 2007, ISSN 1841-9836, 2007 (Biographical-Item WOS:000255333000001, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2007.3>
4. Filip F.G., **Dzitac I.**, Acad. Solomon Marcus at 85 Years (A Selective Bio-bibliography), International Journal of Computers Communications & Control, Vol.5, No.2, pp. 144-147, 2010 (Biographical-Item WOS:000275741400001, IF=0,627). DOI: <http://dx.doi.org/10.15837/ijccc.2010.2>

b) Proiecte naționale/contracte de finanțare obținute prin competiție

1. "C.E.R.C. DE. APTITUDINI. - CrEaRea, Corelarea și DEZvoltarea APTITUDInilor Necesare pentru trecerea la viață activă", Contract nr. POSDRU/161/2.1/G/137526, perioada 2014-2015 ([Responsabil partener 1 din consortiu](#)).
2. Cod CNCISIS 2586/ PN- II- RI-PRECISI/2014-8-6907/Resurse umane/[Premierea rezultatelor cercetării/2014 \(zona rosie, valoare totala premiu: 4000 lei\)](#).
3. "Pregătiți pentru a inova, pregătiți pentru a răspunde mai bine nevoilor locale. Calitate și diversitate a universităților din România", Proiect UEFISCDI + EUA-IEP, Contract nr. POS-DRU/114/1.2/S/123120, perioada 2013-2014 ([Responsabil partener Universitatea Agora](#)).
4. "Studiu național de monitorizare a inserției pe piața muncii a absolvenților din Învățământul superior", Proiect UEFISCDI, POSDRU 2007-2013, UAV nr. 754/29.04.2011 ([Membru](#))

5. "Adaptarea personalului din sectorul energetic la noile tehnologii i condit,ii de muncă", POS DRU finantat din Fondul Social European, Contract: nr. POSDRU/40/3.2./G/9043/01.04.2009; Obiectul contractului: ; Valoarea contractului: 1.627.900,00 lei; Perioada: 01.04.2009-01.04.2010. Director: Popper Laurentiu, (12.465.320 RON) ([Membru](#)).
6. "Dezvoltarea abilităților antreprenoriale ale personalului din sectorul energetic", POS DRU finantat din Fondul Social European, Contract: nr. POSDRU/9/3.1./S/7/25 sept. 2008; ; Valoarea contractului: 12.176.500 lei, Durata contractului: 1 noiembrie 2008 31. octombrie 2011. Director: Popper Laurentiu (1.661.345 RON) ([Membru](#)).
7. "From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence", CNCISIS: PN II 2007-2013, PN II- Idei/Workshop exploratoriu: , May 15-17, 2008, Felix Spa, Romania - PO-01-Ed1-R0-F37./08.05.2008, cod CNCISIS 47, contract nr.8/2008, Director Dan Tufiș, Acord colaborare implementare Nr.300/ 25.03.2008 (**Responsabil implementare proiect și execuție bugetară, Valoare contract (câștigat prin competiție): 30.000 RON**): [Raport final \(Tufiș\)](#); [Acord Univ. Agora \(Dzițac\) - ICIA \(Tufiș\)](#); Carte publicată cu L.A.Zadeh, D. Tufiș și F.G. Filip: [Copertă](#), [Full text](#), [Anexă](#); [Abstracts of ICCCC2008](#); [Proceedings of ICCCC2008](#).
8. "Cercetari multidisciplinare privind modelul teoretic ,si experimental al unei electrocentrale ecologice bazate pe energia valurilor marine", Proiect CEEX, Modulul 1, ANCS: Contract nr. 103/03.10.2005, Director: Ion Corbu, Director sub-proiect: Badea Gabriela, 2005-2008 ([Membru](#)).
9. Cod CNCISIS Nr.250: PN II 2007-2013, PN II/ Resurse umane/ [Premierea rezultatelor cercetariarticole trimestrul I,2009\(valoare totală premiu: 500 lei\)](#).
Cod CNCISIS Nr.231: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Octombrie 2008 \(valoare totală premiu: 2000 lei\)](#).
10. Cod CNCISIS Nr.88: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Septembrie 2008 \(valoare totală premiu: 2000 lei\)](#).
11. Cod CNCISIS Nr.90: PN II 2007-2013, PN II/ Resurse umane/[Premierea rezultatelor cercetării/Septembrie 2008\(valoare tootală premiu: 2000 lei\)](#).
12. ANCS: Contract no. 75 /10.05.2006 ICCCC 2006 ([cofinanțare obținută prin competiție: 4000 lei](#)).
13. Contract no.20L /9.04.2008/ ANCS-IJCCC ([subvenție obținută prin competiție: 12000 lei](#)).
14. Contract 50L/2007 ANCS-IJCCC (subvenție obținută prin competiție: 9000 lei).
15. Contract no. 48L /06.09.2006 ANCS-IJCCC ([subvenție obținută prin competiție: 10000 lei](#)).

c) Proiecte de cercetare pe baza de contract/granturi internaționale câștigate prin competiție:

1. "TAMARO", Proiect UE transfrontalier Ungaria- Romania, TAMARO, HURO/0801, perioada 01.01.2010-31.12.2010, <http://www.tamaro.hu> Director: Nagy Mariana, Valoare: (74.056 EUR) ([Membru](#)).
2. "Personalized e-Learning with Re-usable Functionality", Contract No.7/UE & Greece Project: EPEAEK II/ Archimedes 2.2.17, Director: Athanasios Styliadis, Durata: 05.01.2004- 31.08.2007 ([Membru](#)).
3. "GLOBE- Romania", Grant/Int. Research Project/ 01.IX.2006, with Corvinus University of Budapest, (**Director de subproiect în consorțiu, Buget proiect (câștigat prin competiție): 11.250 EUR**): [Argumentare](#); [Rezumat](#); [Scrisoare de la Univ. Corvinus](#); [Raport final \(v.pag.71\)](#).
4. "Virtual Reality Laboratories", Int. Contract UE & Greece Project: CofT / Contr. No. 4/VRlab, Director: Athanasios Styliadis,). Durata: 05.01.2004- 31.12.2005 ([Membru](#)).
5. "The effect of tram and traffic induced vibrations in the Oradea urban conditions on the occurrence and development Sf. Mihail church on the Magheru Avenue", Int. contract no. 737/18.11.2004,

Universitatea din Oradea and Budapest University of Technology, Director Mircea Veres. Durata: 05.01.2004- 31.12.2005 ([Membru](#)).

H. Participări la conferințe naționale și internaționale

1. [ICCCC2016](#), 6th International Conference on Computers Communications and Control, Băile Felix, Oradea, România, May 10-14, 2016. (General Chair)
2. [ITQM2016](#), Special Session 16: Soft computing methods in quantitative management and decision making processes, 16-18 Aug. 2016, Asan Korea. Plenary lecture: Tutorial "From Fuzzy Logic to Soft Computing: New Paradigms in Decision Making"
3. [MCPL2016](#), 7th IFAC Conference on Management and Control of Production and Logistics (MCPL 2016), Bremen, Germany, February 22 – 24, 2016. (Program Committee Member)
4. [DatAMSS2015](#), 7th International Workshop, Data Analysis Methods for Software Systems, Druskininkai, Lithuania, Hotel „Europa Royale“, December 3 – 5, 2015 (keynote speaker).
5. [ICOTFL2015](#), International Conference on Oriental Thinking and Fuzzy Logic (Celebration of the 50th Anniversary of Fuzzy Sets in Big Data Era), Dalian, China, August 17-20, 2015 (Keynote speaker: "Artificial Intelligence and Fuzzy Logic").
6. [ITQM2015](#), The Third International Conference on Information Technology and Quantitative Management, Rio de Janeiro, Brazil, July 21-24, 2015 (organizer and chair of a special session).
7. [ICVL2014](#): Virtual Learning - Virtual Reality Models and Methodologies Technologies and Software Solutions, October 24-25, 2014, Bucharest, Romania. . (Program Committee Member)
8. [ICIW2014](#): The Ninth International Conference on Internet and Web Applications and Services, ICIW2014, July 20 - 24, 2014 - Paris, France. . (Program Committee Member)
9. [ICCCBS 2014](#): International Conference on Critical Computer-Based Systems, London, United Kingdom, June 29 - 30, 2014. . (Program Committee Member)
10. [ITQM2014](#): The Second International Conference on Information Technology and Quantitative Management, Moscow, Russia, June 3-5, 2014 (organizer and chair of a special session). . (Program Committee Member)
11. [ICCCC 2014](#): 5th International Conference on Computers Communications and Control, Băile Felix, Oradea, România, May 7-9, 2014. (General Chair)
12. [IFAC/MCPL2013](#): 6th IFAC International Conference on Management and Control of Production and Logistics, Fortaleza, Ceará, Brazil, September 11-13, 2013. . (Program Committee Member)
13. [ITQM 2013](#): International Conference on Information Technology and Quantitative Management (ITQM 2013), May 16-18, 2013, Dushu Lake Hotel, Suzhou, China (organizer and chair of a special session).
14. [BALCOR 2013](#), Balkan Conference on Operational Research, 7-10 September, 2013, Belgrade, Serbia (International Scientific Committee Member)
15. [ICIW 2013](#), The Eighth International Conference on Internet and Web Applications and Services, June 23 - 28, 2013 - Rome, Italy (Technical Program Committee).
16. [ICVL 2013](#), International Conference on Virtual Learning, October 22-26, Timisoara, Romania (IPC).
17. [ICCCC 2012](#): Workshop on Intelligent Decision Support Systems for Crisis Management , May 08- 12, 2012, Baile Felix, Oradea, Romania (Organizing Chair).
18. [CESA 2012](#), International Multiconference on Applied Computational Engineering Systems, Santiago de Chile, 25- 27 April, 2012 (Member of IPC)
19. [FEIT 2011](#) , International Joint Conference on Fuzzy Engineering and Intelligent Transportation (FEIT 2011), Xi'an, China, 10-11, December, 2011 (Member of IPC).
20. [ICVL 2011](#), International Conference on Virtual Learning, October 28-29, 2011 - Cluj-Napoca, ROMANIA-EUROPE (Member of IPC)

21. [MedDecSup 2011](#), International Workshop on Next Generation Intelligent Medical Decision Support Systems, September 18-19, 2011, Tg. Mures, Romania (member of IPC)
22. [CAIM 2011](#), 19th Conference on Applied and Industrial Mathematics, September 22-25, 2011, Iasi, Romania (Member of IPC)
23. [ITRO 2011](#), Information Technology and Development of Education, July 1, 2011, Sebia (Member of IPC)
24. [ICIW 2011](#), The Sixth International Conference on Internet and Web Applications and Services, March 20-25, 2011 - St. Maarten, The Netherlands Antilles (Member of TPC)
25. [ISREIE 2010](#), 3th International Symposium Research and Education in Innovation Era, November 11-12, 2010 - ARAD, ROMANIA-EUROPE (Member of OC)
26. [ICST-CSD 2010](#), 2th International Conference "Science and Technology in the Context of Sustainable Development", November 4-5, 2010, Ploiesti, ROMANIA-EUROPE (Member of IPC)
27. [ICAM 7-2010](#), 7th International Conference on Applied Mathematics, September 1-4, 2010 - Baia Mare, ROMANIA-EUROPE (Member of IPC)
28. [ICVL 2010](#), International Conference on Virtual Learning, October 29-31, 2010 - Târgu Mures, ROMANIA-EUROPE (Member of IPC)
29. [SOFA 2010](#), IEEE International Workshop on Soft Computing Applications, 15-17 July, 2010, Arad, Romania (Member of IPC)
30. [CAIM 2010](#), 18th Conference on Applied and Industrial Mathematics, October 14-17, 2010, Iasi, Romania (Member of IPC)
31. [WASET](#), World Academy of Science, Engineering and Technology Conferences, Permanent member of Scientific Committee
32. [ICCCC 2010](#), International Conference on Computers, Communications and Control, May 12-16, 2010, Baile Felix Spa, Oradea- (Founder, General Chair)
33. [ICIW 2010](#), The Fifth International Conference on Internet and Web Applications and Services, May 9-15, 2010, Barcelona, Spain (Member of TPC)
34. [ICVL 2009](#), International Conference on Virtual Learning, October 30 - November 1, 2009, Iasi, Romania (Member of IPC)
35. [UICS 2009](#), Understanding Intelligent and Complex Systems, October 22-23, Targu-Mures, Romania (Member of IPC)
36. [ICMI 2009](#), International Conference on Mathematics and Informatics "Gheorghe Vranceanu", September 8-10, 2009, Bacau, Romania (Member of IPC)
37. [MDIS 2009](#), October 22-25, 2009, Sibiu, Romania (Member of IPC)
38. [ASITELS09](#), Advanced Statistics and IT&C techniques Applied to Economics and Life Sciences, May 3-6, 2009, Sibiu, Romania (Member of IPC)
39. [CAIM 2009](#), 17th Conference on Applied and Industrial Mathematics September 17-20, 2009, Constanta, Romania (Member of IPC)
40. [SOFA 2009](#), IEEE International Workshop on Soft Computing Applications, 29 July- 1 August, 2009, Arad & Szeged, Romania & Hungary (Member of IPC)
41. [CESA 2009](#), Computational Engineering in Systems Applications July 6-8, 2009, Seoul, South Korea (Member of IPC)
42. [EMES'09](#), Electrical Engineering Computer Science and Control Systems Electronics, May 27-29, 2009 - Oradea, Romania (Member of TPC)
43. [ICIW 2009](#), International Conference on Internet and Web Applications and Services, May 24-28, 2009 - Venice, Italy (Member of TPC)
44. [CANS' 2008](#), Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems. Biomedical Computing, November, 8-10, 2008, Tg. Mures (Member of IPC)
45. [BICS 2008](#), Bio-Inspired Computational Methods Used for Difficult Problems Solving. Development of Intelligent and Complex Systems, November, 5-7, 2008, Tg. Mures (Member of IPC)

46. [ICVL 2008](#), International Conference on Virtual Learning, Oct. 28- Nov. 2, 2008, Constanta, Romania (Member of IPC)
47. [CAIM 2008](#), 17th Conference on Applied and Industrial Mathematics October, 9-12, 2008, Oradea (Member of IPC, Chair of OC)
48. [ICAM6-2008](#), 6th International Conference on Applied Mathematics, September 18-21, 2008, Baia Mare, Romania (Member of SC)
49. [ECIT 2008](#), European Conference on Intelligent Systems and Technologies, 10-12 July 2008, Iasi, Romania (Member of IPC)
50. [17th IFAC World Congress](#), July 6-11, 2008, Seoul, Korea (Reviewer)
51. [VEWAeL 2008](#), First International Workshop on Virtual Environments and Web Applications for e-Learning, June 8-13, 2008 - Athens, Greece (Member of TPC)
52. [ICCCC 2008](#), International Conference on Computers, Communications and Control, May 15-17, 2008, Baile Felix Spa, Oradea- (Founder, General Chair)
53. [MEDINF 2007](#), November 8-11, 2007, Sibiu, Romania (Member of IPC)
54. [CAIM 2007](#), 16 th Conference on Applied and Industrial Mathematics Mioveni, Romania, October 12-14, 2007, (Section Chairperson)
55. [IFAC MCPL 2007](#), 4th IFAC Conference on Management and Control of Production and Logistics (2007) Sibiu, Romania, September 27-30, 2007, (Section Chairperson)
56. [ICTAMI 2007](#), International Conference on Theory and Applications of Mathematics and Informatics, 30 August - 02 September 2007, in Alba Iulia, Romania (Member of IPC)
57. [SOFA 2007](#), IEEE International Workshop on Soft Computing Applications, (Member of ICP)
58. [ICVL 2007](#), International Conference on Virtual Learning, Oct. 26-28, 2007, Constanta, Romania (Member of IPC)
59. [LANT2007](#), Landscape Architecture and New Technologies, May 25-26, 2007, TEI of Kavala, Greece (Keynote speaker, Member of IPC)
60. [RSSEE 2006](#), International Conference on renewable sources and environmental electrotehnologies, 8-10 June, 2006, Oradea, Romania (Member of IPC)
61. [ECIT'2006](#), European Conference on Intelligent Systems and Technologies, 21-23 september, 2006, Iasi, Romania (Member of IPC)
62. [ICCCC 2006](#), International Conference on Computers, Communications and Control, June 1-3, 2006, Baile Felix Spa, Oradea (General Chair, Member of IPC, Editor of Proc.)
63. [ICAM5-2006](#), 5th International Conference on Applied Mathematics, 21-24 September 2006, Baia Mare, Romania (Member of IPC)
64. [EMES 2005](#), Electrical Engineering Computer Science and Control Systems Electronics, May 26-28, 2005, Oradea, Romania (Member of IPC)
65. [SACCS 2004](#), October 22-23, 2004, Iasi, ROMANIA (Member of IPC)
66. [ECIT'2004](#), European Conference on Intelligent Systems and Technologies, 21-23 July, 2004, Iasi, Romania - ECIT 2004 (Member of IPC)
67. [ICTAMI 2004](#), International Conference on Theory and Applications of Mathematics and Informatics, September 16-18, 2004, Thessaloniki, Greece (Member of IPC, Chairperson)
68. [ICCC 2004](#), International Conference on Computers and Communications, May 27-29, 2004, Baile Felix Spa, Oradea (General Chair, Member of IPC, Editor of Proc.)
69. [CAIM 2003](#), 12th Conference on Applied and Industrial Mathematics May 29-31, 2003, Oradea, Romania- CAIM 2003 (Secretary of Conference, Ed. of Proc.)

Data: 01.10.2016

Prof.univ.dr. Ioan DZITAC

