

Disciplinele postului: Elemente avansate de ingineria sistemelor soft;
 Elemente avansate de grafică computaţională;
 Sisteme hard şi soft integrat;
 Algoritmi eficienţi în grafuri.

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂŢII

Lector universitar, poziţia 62

Concursul a fost anunţat în Ordinului Ministrului Educaţiei şi Cercetării nr. 3148/30.01.2017 şi publicat pe site-ul universităţii.

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 Funcţia actuală: asistent universitar

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 Instituţia: Universitatea Transilvania din Braşov

1. Studii universitare (licenţă şi masterat)

Nr. crt.	Instituţia de învăţământ superior şi facultatea	Domeniul	Perioada	Titlul acordat
1.	Universitatea Transilvania din Braşov, Facultatea de Matematică şi Informatică	Matematică-Informatică	2003-2007	Licenţiat în matematică-informatică
2.	Universitatea Transilvania din Braşov, Facultatea de Matematică şi Informatică	Algoritmi şi produse software	2007-2008	Studii de specializare master

2. Studii de doctorat

Nr. crt.	Instituţia organizatoare de doctorat	Domeniul	Perioada	Titlul ştiinţific acordat
1.	Universitatea Babeş-Bolyai din Cluj-Napoca, Facultatea de Matematică şi Informatică	Informatică	2009-2016	Doctor în Informatică-O.M. nr. 3148 din 30.01.2017

3. Studii şi burse postdoctorale (stagii de cel puţin 6 luni) -

4. Realizările profesional-ştiinţifice

Calitatea activităţilor didactice/ profesionale	Din Fişa de evaluare şi din Propunerea de dezvoltare a carierei universitare
Lucrări publicate în reviste de specialitate recunoscute naţional internaţional	<ol style="list-style-type: none"> Băicoianu A.: Smart applications using genetic algorithms, Bulletin of the Transilvania University of Brasov, 2017, review process. Băicoianu A.: About innovation and optimization with Logical Analysis of Data and WEKA, Proceedings of the 28th International Business Information Management Association Conference, Seville, Spain, ISBN: 978-0-9860419-8-3, 2016. Băicoianu A.: A Comparative Study of Some Classification Algorithms using WEKA and LAD Algorithm, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, ISSN 1584-4536, Volume 12, 2014, pp. 73-81. Marinescu D., Băicoianu A., Dimitriu S.: A Plagiarism Detection System in Computer Source Code, Jurnal BDI: International Journal of Computer Science

	<p>Research and Application, Vol. 03, Issue 01, pp. 22-30, 2013.</p> <ol style="list-style-type: none"> 5. Băicoianu A., Vasilescu A., Pândaru R.: Upon the performance of a Haskell parallel implementation, Bulletin of Transilvania University of Braşov, Series IIII Mathematics .Informatics. Physics; 2065-2151, 2065-216 X(CD), 2013, pp. 61-72. 6. Marinescu D., Băicoianu A., Dimitriu S.: Software for Plagiarism Detection in Computer Source Code, Proc. of the 7th International Conference on Virtual Learning ICVL 2012, pp. 373-379. 7. Marinescu D., Băicoianu A., and Simian D.: The determination of the guillotine restrictions for a Rectangular Three Dimensional Bin Packing Problem, Recent researches in computer science, Proc. of the 15-th WSEAS International Conference on Computers, Corfu, 2011, Volume 1, pp. 491-496. 8. Marinescu D., Băicoianu A.: A test of the guillotine restrictions determination for a Rectangular Three Dimensional Bin Packing Problem, WSEAS Transactions on Information Science and Applications, Volume 8, Issue 6, 2011, pp.253-263. 9. Vasilescu A., Băicoianu A.: Algebraic Model for the CPU Logic Unit Behaviour, Recent researches in computer science, Proc. of the 15-th WSEAS International Conference on Computers, Corfu, 2011, pp.521-526. 10. Baicoianu A., Dumitrescu S.: Data mining meets economic analysis: opportunities and challenges, BUT 2010 seria V SE. 11. Marinescu D., Baicoianu A.: An algorithm for determination of the guillotine restriction for a rectangular cutting-stock pattern, WSEAS Transaction on Computers, Volume 9, Issue 10, October 2010, pp. 1160-1169. 12. Marinescu D., Baicoianu A.: The determination of the guillotine restrictions for a rectangular cutting-stock pattern, Latest Trends on Computers vol. 1 - 14th WSEAS International Conference on Computers, 2010, pp. 121-126, ISSN 1792- 4251, ISBN 978-960-474-201-1. 13. Marinescu D., Băicoianu A.: The determination of the guillotine restrictions for a rectangular covering model, Proceedings of the 13th WSEAS International Conference on Computers, Rodos, 2009, pp. 307-312. 14. Marinescu D., Băicoianu A.: An algorithm for the guillotine restrictions verification in a rectangular covering model, WSEAS Transactions on Computers, Rodos, ISSN 1109-2750, Issues 8, Volume 8, 2009, pp. 1306-1316. 15. Marinescu D., Iacob, P., Băicoianu A.: A topological order for a rectangular three dimensional bin packing problem, Proceedings of the 12th WSEAS International Conference on Computers, Heraklion, Greece, July 23-25, 2008, WSEAS Press, ISSN 1790-5109, pp. 285-290. 16. Marinescu D., Iacob, P., Băicoianu A.:A plan for loading the boxes for the three dimensional bin packing model, WSEAS Transactions of Systems, ISSN 1109-2777, Issue 10, Volume 7, 2008, pp. 830-839. 17. Iacob, P., Marinescu D., Băicoianu A.: The generating of the cutting-covering receipts using Euclid's algorithm, Proceedings of the 12th WSEAS International Conference on Computers, Heraklion, Greece, 2008, ISBN 978-960-6766-85-5, pp. 280-284.
Lucrări prezentate la conferințe naționale/ internaționale în profilul postului	<ol style="list-style-type: none"> 1. Băicoianu A.: Smart applications using genetic algorithms, Bulletin of the Transilvania University of Brasov, 2017, review process.

	<ol style="list-style-type: none"> 2. Băicoianu A.: About innovation and optimization with Logical Analysis of Data and WEKA, Proceedings of the 28th International Business Information Management Association Conference, Seville, Spain, ISBN: 978-0-9860419-8-3, 2016. 3. Băicoianu A.: A Comparative Study of Some Classification Algorithms using WEKA and LAD Algorithm, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity, ISSN 1584-4536, Volume 12, 2014, pp. 73-81. 4. Marinescu D., Băicoianu A., Dimitriu S.: A Plagiarism Detection System in Computer Source Code, Jurnal BDI: International Journal of Computer Science Research and Application, Vol. 03, Issue 01, pp. 22-30, 2013. 5. Băicoianu A., Vasilescu A., Pândaru R.: Upon the performance of a Haskell parallel implementation, Bulletin of Transilvania University of Braşov, Series IIII Mathematics .Informatics. Physics; 2065-2151, 2065-216 X(CD), 2013, pp. 61-72. 6. Marinescu D., Băicoianu A., Dimitriu S.: Software for Plagiarism Detection in Computer Source Code, Proc. of the 7th International Conference on Virtual Learning ICVL 2012, pp. 373-379.
Volum(e) de specialitate publicat(e) în edituri recunoscute național	<ol style="list-style-type: none"> 1. Băicoianu A.: Metoda elementului finit. Implementare cu FreeFem++. Îndrumar de laborator., 2017, Editura Universității Transilvania din Braşov, acreditata CNCSIS, ISBN 978 – 606 – 19 – 0895 – 0. 2. Băicoianu A., Plajer I.: Limbaje formale și teoria automatelor. Culegere de probleme, 2012, Editura Universității Transilvania, acreditata CNCSIS, Braşov. 3. Marinescu D., Băicoianu A., Plajer I.: Limbaje Formale si Teoria Automatelor, Editura Universității Transilvania, acreditata CNCSIS, Braşov, 2013 – suport curs ID 4. Marinescu D., Băicoianu A., Plajer I.: Tehnici de compilare, Editura Universității Transilvania din Braşov, acreditata CNCSIS, 2013 – suport curs ID

Data
25/07/2017

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