BIBTEX
Andreea Vescan

========================**2014**========================
2010-2012 and 2013-2014 - Parental leave

========================**2013**========================
2010-2012 and 2013-2014 - Parental leave

========================**2012**========================
2010-2012 and 2013-2014 - Parental leave

@ARTICLE{VescanPopIJCISIM2012,
    AUTHOR = " A.Vescan and Pop, H. F.",
    TITLE = " *Automatic Criteria-based Configuration for the Component Selection Problem* ",
    JOURNAL = " International Journal of Computer Information Systems and Industrial Managements Applications (ISSN 2150-7988) ",
    VOLUME = {4},
    NUMBER = {-},
    PAGES = {641-647},
    YEAR = {2011}   }

@INPROCEEDINGS{VescanSerbanZAC2012,
  author = { Vescan, A. and Serban, C.},
  title =   { Metrics-based approach for multilevel component composition },
  BOOKTITLE=   {Proceeding of the National Symposium Zilele Academice Clujene},
  year = {2012},
  pages =   {20--25}
}

========================**2011**========================
2010-2012 and 2013-2014 - Parental leave

@book{VescanPinteaCapitol2011,
  author = { A.Vescan, C-M.Pintea},
  title = { Component-based Ant Systems in "Modern Paradigms in Computer Science and Applied Mathematics", A Handbook for PhD Students and Researchers, (Eds.B.Patrut, G-C.Crisan)},
  year = {2011},
  isbn = {978-3-86306-757-1},
  publisher = { Akademische Verlagsgemeinschaft München-AVM-GmbH&Co.KG, München, Germany },

}

@inproceedings{VescanGrosanYangHIS2011,
author = { A. Vescan .and Grosan, C. and Shengxiang Yang},
title = { *A hybrid evolutionary multiobjective approach for the dynamic component selection problem* },
booktitle = { 11th International Conference on Hybrid Intelligent Systems (HIS), ISBN: 978-1-4577-2151-9},
year = {2011},
pages = {714-721},
}

@ARTICLE{PinteaVescanSSR_SMI2011,
        AUTHOR = " C-M.Pintea and A.Vescan ",
        TITLE = "Bio-inspired components for a bandwidth problem",
        JOURNAL = " Scientific Studies and Research, Seria Mathematics and Informatics (ISSN 2067-3566) ",
        VOLUME = {21},
        NUMBER = {1},
        PAGES = {185-192},
        YEAR = {2011}   }

@inproceedings{PinteaVescanNCMI2011,
author = {C. Pintea and A. Vescan},
title = { *Bio-inspired components for a bandwidth problem*},
booktitle = { abstract book "Gheorghe Vrănceanu" *National Conference on Mathematics and Informatics* with international participation NCMI2011 },
year = {2011},
pages = {15},
}

========================**2010**========================
2010-2012 and 2013-2014 - Parental leave

@inproceedings{SerbanVescanPopCimsim2010,
author = {C. Serban and A. Vescan and H. F. Pop},
title = { *A Formal Model for Component-Based System Assessment* },
booktitle = { Second international conference on Computational Intelligence, Modelling and Simulation , ISBN: 978-0-7695-4262-1},
year = {2010},
pages = {261-266},
}

@ARTICLE{VescanGrosanStudia2010,
        AUTHOR = "Andreea Vescan and Crina Grosan",

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        TITLE = "Evolutionary multiobjective approach for multilevel component
composition",
        JOURNAL = "Studia Univ. Babes-Bolyai, Informatica",
        VOLUME = {LV},
        NUMBER = {4},
        PAGES = {18-32},
        MONTH = "December",
        YEAR = {2010}        }

@inproceedings{SerbanVescanPopRoEdu2010,
 author = {C. Serban and A. Vescan and H. F. Pop},
 title = { A conceptual framework for component-based system metrics definition },
 booktitle = {Proceedings of 9th RoEduNet International Conference},
 year = {2010},
 pages = {73-78},
}



@INPROCEEDINGS{FrentiuVescanZAC2010,
  author =  {Frentiu, M. and Vescan, A.},
  title =   { Problems with teaching model checking to undergraduates },
  BOOKTITLE=   {Proceeding of the Symposium Zilele Academice Clujene},
  year =  {2010},
  pages =   {48--54}
}
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============================2009============================

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@ARTICLE{VescanNNW2009,
        AUTHOR = "A. Vescan",
        TITLE = "Optimal component selection using a multiobjective evolutionary
algorithm",
        JOURNAL = "Neural Network World Journal",
        VOLUME = {19},
        NUMBER = {2},
        PAGES = {201-213},
        MONTH = "April",
        YEAR = {2009}
        }



@inproceedings{VescanUksim2009,
 author = { A. Vescan },
 title = { A Metrics-based Evolutionary Approach for the Component Selection Problem },
 booktitle = {Proceedings of 11th International Conference on Computer Modelling and
Simulation (UKSim 2009)},
 year = {2009},
 pages = {83-88},
}
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@inproceedings{SerbanVescanPopHAIS2009,
 author = {C. Serban and A. Vescan and H. F. Pop},
 title = { A new Component Selection Algorithm Based on Metrics and Fuzzy Clustering
Analysis},
 booktitle = {Proceedings of the 4th International Conference on Hybrid Artificial Intelligence
Systems },
 year = {2009},
 pages = {621 – 628},
}

@inproceedings{CretuVescanKEPT2009,
 author = {C. Chisalita-Cretu and A. Vescan},
 title = { The multi-objective refactoring selection problem},
 booktitle = {Proceedings of the 4th Conference on Knowledge Engineering Principles and
Techniques },
 year = {2009},
 pages = {291-298},
}

@ARTICLE{VescanCretuStudia2009,
  author = { Chisalaita-Cretu, C. and Vescan, A. }
  title = { The multi-objective refactoring selection problem },
  journal = { Studia Universitas Babes-Bolyai, Seria Informatica e},
  volume ={-},
  number = {3},
  pages = {249-253},
  year={2009}
  }
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===========================2008===========================

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@book{PinteaVescanVescanGrafica2008,
  author = { C-M.Pintea and A.Vescan and C.Vescan
  title = { Grafica in Delphi },
  year = {2008},
  isbn = {978-973-8934-92-4},
  publisher = {Ed.EduSoft (CNCSIS cod:157) },

}

@book{VescanPhD2008,
  author = {Vescan A.
  title = {Construction Approaches for Component-Based Systems},
  year = {2008},
  isbn = {-},
  publisher = {PhD, Cluj-Napoca: Universitatea "Babeş-Bolyai},
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}

@INPROCEEDINGS{VescanKES2008,
  author =   {Vescan, A.},
  title =   {Component Adaptation Architectures. A Formal Approach},
  BOOKTITLE=   {The 12th International Conference on Knowledge-Based Intelligent
Information and Engineering Systems, ISBN: 978-3-540-85566-8 (ISI Proceeding)},
  year =   {2008 },
  pages =   {319--326},

}

@INPROCEEDINGS{VescanEMS2008,
  author =   {Vescan, A.},
  title =   {Pareto dominance - based approach for the Component Selection Problem},
  BOOKTITLE=   {Proceedings of the 2nd UKSim European Symposium on Computer
Modeling and Simulation, ISBN: 978-0-7695-3325-4 (indexed IEEE)},
  year =   {2008 },
  pages =   {58--63}
}

@INPROCEEDINGS{VescanGrosanEMODA2008,
  author =   {Vescan, A. and Grosan, C.},
  title =   {Two Evolutionary Multiobjective Approach for Component Selection Problem},
  BOOKTITLE=   {Proceedings of the Fourth International Workshop on Evolutionary
Multiobjective Optimization - Design and Applications (indexed IEEE)},
  year =   {2008 },
  pages =   {(accepted)}
}

@INPROCEEDINGS{VescanGrosanPopDEXA2008,
  author =   {Vescan, A. and Grosan, C. and Pop, H. F.},
  title =   {Evolutionary Algorithms for the Component Selection Problem},
  BOOKTITLE=   {Proceedings of the 2nd International Workshop on Evolutionary
Techniques in Data Processing, ISBN: 1529-4188 (indexed IEEE)},
  year =   {2008 },
  pages =   {509--513}
}

@INPROCEEDINGS{VescanPopASBS2008,
  author =   {Vescan, A and Pop, H. F.},
  title =   { *Configuration for the Component Selection Problem* },
  BOOKTITLE=   { Proceedings of the 5th international conference on Soft computing as
transdisciplinary science and technology, ISBN: 978-1-60558-046-3},
  year =   {2008 },
  pages =   {479--483}
}

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@INPROCEEDINGS{VescanPopCEESET2008,
  author =  {Vescan, A. and Pop, H. F.},
  title =   {The Component Selection Problem as a Constraint Optimization Problem},
  BOOKTITLE=  {Proceedings of the Work In Progress Session of the 3rd IFIP TC2 Central
and East European Conference on Software Engineering Techniques},
  year =  {2008},
  pages =   {(accepted)}
}
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@INPROCEEDINGS{VescanGrosanHAIS2008,
  author =  {Vescan, A. and Grosan, C.},
  title =   {A Hybrid Evolutionary Multiobjective Approach for Component Selection
Problem},
  BOOKTITLE=  {Proceedings of the 3rd International Workshop on Hybrid Artificial
Intelligence Systems, ISBN: 978-3-540-87655-7 (ISI Proceeding)},
  year =  {2008 },
  pages =   {164--171}
}
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@INPROCEEDINGS{VescanICADIWT2008,
  author =  {Vescan, A.},
  title =   {An evolutionary multiobjective approach for the Component Selection Problem},
  BOOKTITLE=  {Proceedings of the First IEEE International Conference on the
Applications of Digital Information and Web Technologies, ISBN: 978-1-444-264-9 (indexed
IEEE)},
  year =  {2008},
  pages =   {252--257}
}
@Article{VescanCreative2008,
  author =  { Vescan, A.},
  title =  { Dependencies in the Component Selection Problem },
  journal =  {Creative Mathematics and Informatics, ISSN: 1843-441X},
  volume ={-},
  year =  {2008 },
  pages =   {532-537},
}
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@Article{SerbanVescanPopCreative2008,
  author =  {Serban, C. and Vescan, A.and Pop, H. F.},
  title =  { Metrics for Component-Based System Development},
  journal =  { Selection based on Fuzzy Clustering Analysis, ISSN: 1843-441X},
  volume ={-},
  year =  {2008 },
  pages =   {505-510},
}
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@ARTICLE{VescanPopStudia2008,
 author = { Vescan, A. and Pop. H. F.},
 title = { Optimization-based Component Selection Problem },
 journal = { Studia Universitas Babes-Bolyai, Seria Informatica e},
 volume ={LIII},
 number = {2},
 pages = {3--4},
 year={2008}
 }

@INPROCEEDINGS{VescanZAC2008,
 author = {Vescan, A.},
 title = {Component Protocol Compatibility},
 BOOKTITLE= {Proceeding of the Symposium Zilele Academice Clujene},
 year = {2008},
 pages = {55--60}
}
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=======================2007=========================

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@ARTICLE{PinteaVescanStudia2007,
 author = {Pintea, C.-M. and Vescan, A.},
 title = {Component-based Ant System for a Biobjective Assignment Problem},
 journal = { Studia Universitas Babes-Bolyai, Seria Informatica e},
 volume ={LII},
 number = {1},
 pages = {21--32},
 year={2007}
 timestamp = {2007.12.23}
 }
@INPROCEEDINGS{VescanMEMICS2007,
 author = {Vescan, A.},
 title = { Components ordered assembly construction based on temporal restraint},
 BOOKTITLE= {Proceeding of the 3rd Doctoral Workshop on Mathematical and
Engineering Methods in Computer Science, ISBN: 978-80-7355-077-6},
 year = {2007 },
 pages = {249--256},
 timestamp = {2007.04.23}
}
@ARTICLE{VescanPinteaAMS2007,
 author = {Vescan, A. and Pintea, C.-M.},
 title = {Ant Colony Component-based System for Traveling Salesman Problem},
 journal = { Journal of Applied Mathematical Science, ISSN: 1312--885X},
 volume ={1},
 number = {25--28},
 pages = {1347-1357},
 year={2007}
 timestamp = {2007.11.23}
 }
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@INPROCEEDINGS{PinteaVescanICFS2007,
  author =   {Pintea, C.-M. and Vescan, A.},
  title =   { The Labyrinth Problem: Component Model with Pharaoh System},
  BOOKTITLE=   { Proceedings of International Conference on Fundamental Science, ICFS
2007, Applied mathematics and computer science section, ISBN: 978-973-759-367-2},
  year =   {2007 },
  pages =   { 82--86},
  timestamp = {2007.11.23}
}
@INPROCEEDINGS{VescanCSE2007,
  author =   {Vescan, A.},
  title =   {   Modeling component compositions and assembly execution},
  BOOKTITLE=   {Proceeding of the Second Annual International Conference of Students,
Post-graduates and Young Scientists,
      Computer Science and Engineering - 2007, ISBN: 978-966-553-649-9},
  year =   {2007 },
  pages =   {20--24},
  timestamp = {2007.04.23}
}

@Article{SerbanVescanCreative2007,
  author =   {Serban, C. and Vescan, A.},
  title =   { Metrics for Component-Based System Development},
  journal =   {Creative Mathematics and Informatics, ISSN: 1843-441X},
  volume ={16},
  year =   {2007 },
  pages =   {143--150},
}
@Article{VescanMotognaCreative2007,
  author =   { Vescan, A. and Motogna, S.},
  title =   { *Overview and Architecture of a Component Modeling Tool,*},
  journal =   {Creative Mathematics and Informatics, ISSN: 1843-441X},
  volume ={16},
  year =   {2007 },
  pages =   {159--165},
}

@Article{SerbanVescanKEPT2007,
  author =   {Serban, C. and Vescan, A.},
  title =   {   Metrics-based selection of a component assembly},
  journal =   { Special Issue of Studia Universitatis Babes-Bolyai Informatica: Proceeding of
The International Conference on Knowledge Engineering: Principles and Techniques, ISSN:
1224-869X},
  year =   {2007 },
  pages =   {324--331},
}

============================2006============================

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@INPROCEEDINGS{ VescanPinteaCOMM2006,
  author =   { Vescan, A. and Pintea, C.-M.},
  title =   {  Comparative models for a combinatorial problem},
  BOOKTITLE=   { Proceeding of The 6th International Conference Communication, ISBN:
978-973-718-479-5 (indexed IEEE)},
  year =   {2006 },
  pages =   { 253--256},
  timestamp = {2006.06.7}
}

@ARTICLE{FaneaMotognaDiosanStudia2006,
  author = {Fanea, A. and Motogna, S. and Diosan, L.},
  title = {Automata-based Component Composition Analysis},
  journal = {Studia Universitas Babes-Bolyai, Seria Informatica},
  volume ={LI},
  number = {1},
  pages = {13--20},
  year={2006}
  }

@INPROCEEDINGS{VescanMotognaEuromicro2006,
  author =  {Vescan, A. and Motogna, S.},
  title =   {Syntactic automata-based component composition},
  BOOKTITLE=  {The 32nd EUROMICRO Software Engineering and Advanced
Applications (SEAA), Proceeding of the Work in Progress session, ISBN: 3-902457-11-2},
  year =  {2006},
  pages =   {13--14}
}

@ARTICLE{VescanMotognaMaCS2006,
  author = {Vescan, A. and Motogna, S},
  title = {Syntactic analysis of component composition},
  journal = {Pure Mathematics and Applications (PUMA)},
  volume ={17},
  number = {3-4},
  year={2006 },
  pages = {527–-537},
  timestamp = {2006.06.23}
  }

@INPROCEEDINGS{VescanSYNASC2006,
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  author =   {Vescan, A.},
  title =   {Restraint Order Component Model Execution},
  BOOKTITLE=   {The 8th International Symposium on Symbolic and Numeric Algorithms
for Scientific Computing, ISBN:978-0-7695-2740-6 (ISI Proceeding)},
  year =   {2006 },
  pages =   {195--200},
  timestamp = {2006.04.23}
}

@ARTICLE{FaneaDiosanIJITIC20061,
  author = {Fanea, A. and Diosan, L.},
  title = {  Component Based Model Using P Systems},
  journal = {The International Journal of Information Technology and Intelligent Computing,
ISSN: 1895-8648},
  volume ={1},
  number = {3},
  pages = {499--508},
  year={2006 }
  }
@ARTICLE{FaneaDiosanIJITIC20062,
  author = { Diosan, L . and Fanea, A. and Dumitrescu. D},
  title = {  Genetic algorithms based on Ising machine},
  journal = {The International Journal of Information Technology and Intelligent Computing,
ISSN: 1895-8648},
  volume ={1},
  number = {3},
  pages = { 585 - 594},
  year={2006 }
  }




@INPROCEEDINGS{ VescanPinteaICCP2006,
  author =   { Vescan, A. and Pintea, C.-M.},
  title =   {  Ant System. A component based-model},
  BOOKTITLE=   { Proceeding of the 2nd International Conference on Intelligence
Computer Communication and Processing, ISBN: 973-662-235-5 (indexed IEEE)},
  year =   {2006 },
  pages =   { 23--28},
  timestamp = {2006.06.5}
}


@INPROCEEDINGS{VescanDiosanIJCCC20062,
  author =   {Vescan,  A. and Diosan, L.},
  title =   { Computational Intelligence-based Model for Component Composition Analysis},
  BOOKTITLE=   { Proceeding of the International Conference on Computers,
Communications and Control, ISSN: 1841-9836 (indexed ISI-SCI-E)},
  year =   {2006 },
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    pages =   { 474--479},
    timestamp = {2006.04.23}
}




@INPROCEEDINGS{ VescanDiosanIJCCC20061,
   author =   {Vescan, A. and Diosan, L.},
   title =   {  Evolutionary Approach for Behaviour Component Composition},
   BOOKTITLE=   { Proceeding of the International Conference on Computers,
Communications and Control, ISSN: 1841-9836 (indexed ISI-SCI-E) },
   year =   {2006 },
   pages =   { 480--485},
   timestamp = {2006.04.23}
}




@INPROCEEDINGS{VescanZAC2006,
   author =  {Vescan, A.},
   title =  {Specification Modeling Aspects of the Real World},
   BOOKTITLE=   {Proceedings Proceeding of the Symposium Zilele Academice Clujene,
(2006)},
   year =  {2006},
   pages =   {61--65}
}
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=======================2005=========================

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@INPROCEEDINGS{VA06SYNASC,
   author =   {Lazar, Z. and Fanea, A. and Petrascu, D. and Ciobotariu-Boer, V. and Parv,
B..},
   title =  {OMODI: On the Graphical User Interface},
   BOOKTITLE=   {Proceedings of the 7th International Symposium on Symbolic and
Numeric Algorithms for Scientific Computing (SYNASC  05),  ISBN: 0-7695-2453-2 (ISI
Proceeding)},
   year =   {20065},
   pages =   {109 - 113},
  timestamp = {2005.04.23}
}

@INPROCEEDINGS{FaneaDiosanZAC2005,
   author =  {Fanea, A. and Diosan, L.},
   title =   {  Designing a Component-Based Machine Using Multi Expression Programming },
   BOOKTITLE=   {Proceedings of the Cluj Computer Science Academic Colloquium},
   year =  {2005},
   pages =   {93--98}
}
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@INPROCEEDINGS{FaneaZAC2005,
  author =  {Fanea, A.},
  title =   {Specification, Construction and Execution of a Component-Based Model},
  BOOKTITLE=   {Proceedings of the Cluj Computer Science Academic Colloquium},
  year =  {2005},
  pages =    {87--92}
}


@Article{FaneaPinteaAnnalsORades2005,
 author = {Fanea, A. and Pintea,C.-M.},
 title = {Component model for a NP-hard problem},
 journal = {Annals of Oradea University},
 year = {2005},
 volume =   {XII},
 pages =   {91--100}
 }


@ARTICLE{FaneaDiosanStudia2005,
  author = {Fanea, A. and Diosan, L.},
  title = { Components Execution Order using Genetic Algorithms},
  journal = {Studia Universitas Babes-Bolyai, Seria Informatica},
  volume ={L},
  number = {2},
  pages = {23--32},
  year={2005}
  }
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==========================2004==========================

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@INPROCEEDINGS{FaneaMotognaZAC2004,
  author = {Fanea, A. and Motogna, S.},
  title = {A formal model for component composition},
  BOOKTITLE={Proceedings of the Cluj Academic Days National Symposium},
  pages={160--167},
  year={2004}
}

@ARTICLE{LazarPArvFaneaHeringaLeeuwStudia2004,
 author = { Lazar, Z. I. and Pârv,B. and **Fanea, A.** and Heringa, J. R. and de Leeuw, S. W.,
},
 title = { ., *COMODI: Guidelines for a Component-Based Framework for Scientific
Computing* },
 journal = {Studia Universitas Babes-Bolyai, Seria Informatica},
 volume ={ XLIX },
 number = {2},
 pages = {91--101},
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year={2004}
}