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RECTORATUL

Universitatea Babeş-Bolyai
Competiţia Excelenţei 2010

Dosar individual

Notă: Toate datele se referă la perioada 2005-2009

Nume, prenume, grad did.	**CHIOREAN DAN, LECT. DR.**
Facultatea, Catedra	Facultatea de Matematică şi Informatică – Catedra de Limbaje şi Metode de Programare
Domeniul ştiinţific	Software Engineering, Software Modeling (MDA, MDE, MDD, LDD), Object-Oriented Technologies, Formal Methods
Adresa paginii web personale	http://www.cs.ubbcluj.ro/~chiorean
Adresa e-mail	chiorean@cs.ubbcluj.ro

Criteriul I – Output

1. Articole ştiinţifice publicate în reviste indexate ISI (cu menţionare factorului de impact în cazul celor cotate)

2. Articole ştiinţifice publicate în ISI proceedings

Thomas Baar, **Dan Chiorean**, Alexandre Correa, Martin Gogolla, Heinrich Hussmann, Octavian Patrascoiu, Peter Schmitt, Jos Warmer - Tool Support for OCL and Related Formalisms - Needs and Trends in Jean-Michel Bruel (Ed.) Satellite Events at the MoDELS 2005 Conference – Springer LNCS 3844, pp. 1-9, 2006

Dan Chiorean, Birgit Demuth, Martin Gogolla, Jos Warmer - OCL for (Meta-)Models in Multiple Application Domains in T. Kuhne (Ed.): MoDELS 2006 Workshops – Springer LNCS 4364, pp. 152–158, 2007

Vladiela Petrascu, **Dan Chiorean** and Dragos Petrascu - ContractCML - a Contract Aware Component Modeling Language - IEEE Computer Society 2008, ISBN 978-0-7695-3523-4, Pages 273-276

3. Articole ştiinţifice indexate în BDI (din lista CNCSIS)

Mira Kajko-Mattsson, Arie van Deursen, Rupert Reiger, Gerardo Canfora, Tuomas Ihme, Torsten Engel, **Dan Chiorean**, Meir M. Lehman, and Josef Wernke - A Model of Maintainability - Suggestion for Future Research – in Proceedings of 2006 International Conference on Software Engineering Research & Practice (SERP'06 / ISBN #:1-932415-92-0/CSREA), Editor: Hamid R. Arabnia and Hassan Reza, pp.: 436-441 Las Vegas, USA, 2006 online at http://ww1.ucmss.com/books/LFS/CSREA2006/SER5109.pdf
BDI = DBLP, vezi:
http://www.ask.com/bar?q=%22dan+chiorean%22+%2Bdblp&page=1&qsrc=121&dm=all&ab=0&u=http%3A%2F%2Fwww.informatik.uni-trier.de%2F%7Eley%2Fdb%2Findices%2Fa-tree%2Fc%2FChiorean%3ADan_Ioan.html&sg=STdW5pTgeBgJZVymDp4%2F7Afzv0%2FqtC3kafgSqFy94nw%3D&tsp=1267721257110

Vladiela PETRAŞCU, **Dan CHIOREAN** and Dragoş PETRAŞCU - *Proposal of a Set of OCL WFRs for the Ecore Meta-metamodel* - Studia Universitatis Babes-Bolyai - Series Informatica - Volume LIV, Number 2 December 2009 pp. 89-108 onine at: http://cs.ubbcluj.ro/~studia-i/2009-2/09-PetrascuChiorean.pdf

Vladiela PETRAŞCU, **Dan CHIOREAN** and Dragoş PETRAŞCU - *COMPONENT MODELS' SIMULATION IN ContractCML* - Studia Universitatis Babes-Bolyai - Special Issue KEPT-2009: Knowledge Engineering: Principles and Techniques (July 2009) - pp. 198-201 online at: http://www.cs.ubbcluj.ro/~studia-i/2009-kept/Studia-2009-Kept-3-KSE.pdf

Dan Chiorean, Vladiela Petrascu, Dragos Petrascu - *How My Favorite Tool Supporting OCL Must Look Like* – in ECEASST – Volume 15 (2008) pag. 1-17, online at: - http://eceasst.cs.tu-berlin.de/index.php/eceasst/article/viewFile/180/177

4. Alte articole ştiinţifice/capitole publicate în reviste/volume cu referenţi (peer-reviewed)

Dan Chiorean, Maria Borteş, Dyan Coruţiu - *Semantic Validation of XML Data, a Metamodeling Approach* - in Proceedings of 3rd Nordic Workshop on UML and Software Modeling pag. 86-107 – ISBN 951-44-6399-4, ISSN 1459-6903, 2005 vezi: http://www.cs.uta.fi/nwuml05/ proceedings online at: http://www.cs.uta.fi/reports/pdf/A-2005-3.pdf

Dan Chiorean, Maria Borteş, Dyan Coruţiu - Proposals for a Widespread Use of OCL – in Proceedings of the MoDELS'05 Conference Workshop on Tool Support for OCL and Related Formalisms - Needs and Trends, Montego Bay, Jamaica, October 4, 2005 – vezi: http://lgl.epfl.ch/members/baar/oclwsAtModels05/ - proceedings Technical Report LGL-REPORT-2005-001 online at: http://lgl.epfl.ch/members/baar/oclwsAtModels05/technicalReport.pdf

Vladiela PETRAŞCU, **Dan CHIOREAN** and Dragoş PETRAŞCU - "COMPONENT MODELS' SIMULATION IN ContractCML", KNOWLEDGE ENGINEERING: PRINCIPLES AND TECHNIQUES, KEPT2009 - International Conference on Knowledge Engineering Principles and Techniques - Selected Papers, Cluj-Napoca (Romania), July 2-4, 2009, pp. 231-238

5. Cărţi ştiinţifice publicate în edituri internaţionale

6. Cărţi ştiinţifice publicate în edituri naţionale acreditate

7. Editor de volume publicate în edituri naţionale şi internaţionale

Birgit Demuth, **Dan Chiorean**, Martin Gogolla şi Jos Warmer – Proceedings of theOCLApps 2006 - Workshop - TUD-FI06-04-Sept. 2006 – ISSN 1430-211X

Dan Chiorean, Birgit Demuth, Martin Gogolla and Jos Warmer editors – ECEASST volume 5(2006) - ISSN 1863-2122 – 175 page vezi http://eceasst.cs.tu-berlin.de/index.php/eceasst/article/view/36/67 şi BDI = DBLP

8. Brevete internaţionale

9. Brevete naţionale

10. Impact tehnologic al brevetelor: resurse financiare extrabugetare atrase în relaţie cu economia

11. Realizări artistice naţionale şi internaţionale (Domeniul Arte)
(Expoziţii, spectacole, concerte, publicaţii, filme, înregistrări)

Criteriul II – Prestigiu profesional

1. Citări ale articolelor ISI listate la Criteriul I

Lucrarea - Thomas Baar, **Dan Chiorean**, Alexandre Correa, Martin Gogolla, Heinrich Hußmann, Octavian Patrascoiu, Peter H. Schmitt, and Jos Warmer. *Tool Support for OCL and Related Formalisms - Needs and Trends*. in Jean-Michel Bruel, editor, Satellite Events at the ModELS'2005 Conference, volume 3844 of LNCS, pages 1–9. Springer-Verlag, 2005

Kirsten Berkenkotter - OCL-based Validation of a Railway Domain Profile – in Models in Software Engineering – LNCS 4364/2007 – pp. 159-168 – ISBN 978-3-540-69488-5, ISSN 0302-9743 (Print) 1611-3349 (Online), doi 10.1007/978-3-540-69489-2

Emine G. Aydal, Richard F. Paige and Jim Woodcock - Evaluation of OCL for Large-Scale Modelling: A Different View of the Mondex Purse in H. Giese (Ed.): MODELS 2007 Workshops, Springer - LNCS 5002/2008, pp. 194-205, DOI: 10.1007/978-3-540-69073-3, ISBN: 978-3-540-69069-6, online at: http://www.springerlink.com/content/98t1lj8j4n724450/

2. Alte citări ale lucrărilor listate mai sus

Lucrarea - **Dan Chiorean,** Maria Bortes, – Dyan Corutiu - *Semantic Validation of XML Data, a Metamodeling Approach* - in Proceedings of 3rd Nordic Workshop on UML and Software Modeling pag. 86-107 – ISBN 951-44-6399-4, ISSN 1459-6903, 2005 citată în

Terje Gjøsæter, Jan Pettersen Nytun, Andreas Prinz, Mikael Snaprud, and Merete Skjelten Tveit - Modelling Accessibility Constraints - ICCHP 2006, LNCS 4061, pp. 40 – 47, 2006 - Springer-Verlag Berlin Heidelberg 2006 – online at: http://www.eiao.net/publications/gjosater_Modelling20Accessibility20Constraints_ICCHP202006.pdf/download

Lucrarea - **Dan Chiorean,** Maria Bortes, and Dyan Corutiu **- *Proposals for a widespread use of OCL*** - In T. Baar, editor, Proceedings of the MoDELS'05 Conference Workshop on Tool Support for OCL and Related Formalisms - Needs and Trends, Technical Report LGL-REPORT-2005-001, pages 68-82. EPFL, 2005 citată în:

Slavisa Markovic and Thomas Baar - An OCL Semantics Specified with QVT – SOSYM – Springer – DOI - 10.1007/s10270-008-0083-2, ISSN 1619-1366 (Print) 1619-1374 (Online)

Lucrarea - **D. Chiorean,** D. Corutiu, M. Bortes, and I. Chiorean. Good Practices for Creating Correct, Clear and Efficient OCL Specifications. In *NWUML 2004*, 2004

L. Reynoso, M. Genero, M. Piattini and E. Manso - Using cognitive techniques for assessing the influence of coupling on the maintainability of OCL expressions in Proceedings of the Seventh IEEE International Conference on Cognitive Informatics, ICCI 2008, Stanford University, California, USA, August 14-16, 2008 - pp. 341-350

Lucrarea - **Dan Chiorean,** Vladiela Petrascu, Dragos Petrascu - *How My Favorite Tool Supporting OCL Must Look Like* – in ECEASST – Volume 15 (2008) pag. 1-17 citată în:

Jordi Cabot, Martin Gogolla and Pieter Van Gorp - Eight International Workshop on OCL Concepts and Tools - in Michel R.V. Chaudron Edts - Models in Software Engineering - Springer LNCS 5421 – 2009

3. Citări în perioada 2005-2009 ale articolelor anterioare anului 2005

Volumul:

Dan Chiorean, Birgit Demuth, Martin Gogolla şi Jos Warmer – ECEASST volume 5(2006) - ISSN 1863-2122

Citat în:

1. Pieter Van Gorp - Model-driven Development of Model Transformations - Ph.D. Thesis. University of Antwerp, Dept. of Mathematics and Computer Science 04-2008 - UMI number 3329185, ISBN 978-0-549-81995-0 - online at: http://www.solidus.be/_ext/GetFile.php?file=VanGorp2008PhDthesis.pdf

Lucrarea:

Dan Chiorean - Using OCL Beyond Specifications. In A. Evans, R. France, A. Moreira, and B. Rumpe, editors, Proc. UML'2001 Workshop on Rigorous Development, pages 5768. LNI, German Informatics Society, 2001

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2. Martin Gogolla, Jörn Bohling, and Mark Richters. Validating UML and OCL Models in USE by Automatic Snapshot Generation. *Journal on Software and System Modeling*, volume 4, number 4, 2005 pp 386-398 - http://dx.doi.org/10.1007/s10270-005-0089-y, http://www.springerlink.com/content/h3mu673721k22240/
3. Fabian Buttner, Martin Gogolla – Systematic Transformation on Graphically Described UML Operations into OCL Pre- and Postconditions and Easy Implementations http://www.db.informatik.uni-bremen.de/teaching/courses/ss2005_eis/eis2005-systematic-transformation.ps
4. Pieter Van Gorp, Dirk Janssens - CAViT: a Consistency Maintenance Framework based on Visual Model Transformation and Transformation Contracts in Transformation Techniques in Software Engineering - James R. Cordy and Ralf Lammel and Andreas editors, Winter Dagstuhl Seminar Proceedings 2006 – ISSN 1862-4405 pag. 1-23 - online at: http://drops.dagstuhl.de/opus/volltexte/2006/429/pdf/05161.VanGorpPieter.Paper.429.pdf
5. Jean Bezivin, Fabian Büttner, Martin Gogolla, Frederic Jouault, Ivan Kurtev, and Arne Lindow. Model Transformations? Transformation Models! - in Oscar Nierstrasz, Jon Whittle, David Harel, and Gianna Reggio, editors, *Proc. 9th Int. Conf. Model Driven Engineering Languages and Systems (MoDELS'2006)*. LNCS 4199, Springer, Berlin, 2006 pp. 440-453
6. Yuki Sumita, Mami Takata, Keiju Ishitsuka, Yasuyuki Tominaga and Kazuhiko Ohe - Building a reference functional model for EHR systems - *International Journal of Medical Informatics*, *Volume 76, Issue 9*, *September 2007*, *Pages 688-700* - ISSN: 1386-5056 – ELSEVIER Sciences (2006 Impact factor, 1.726)
7. Mirco Kuhlmann, Martin Gogolla - Analyzing Semantic Properties of OCL Operations by Uncovering Interoperational Relationships – In Proceedings of the Ocl4All: Modelling Systems with OCL workshop – MODELS 2007 International Conference – online at: http://st.inf.tu-dresden.de/Ocl4All2007/
8. Mirco Kuhlmann, Martin Gogolla - Analyzing Semantic Properties of OCL Operations by Uncovering Interoperational Relationships – in Electronic Communictions of EASST Volume 9 (2008) ISSN: 1863 – 2122 pp. 1- 17, online at: http://eceasst.cs.tu-berlin.de/index.php/eceasst/article/view/107/102
9. Martin Gogolla, Jörn Bohling, and Mark Richters. USE: A UML-Based Specification Environment for Validating UML and OCL – Science of Computer Programming, Volume 69, Numbers 1-3, December 2007, pp. 27-34 - http://dx.doi.org/10.1016/j.scico.2007.01.013 - online at: http://www.db.informatik.uni-bremen.de/publications/Gogolla_2007_SCP.ps

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Dan Chiorean Dragos Cojocari - *Implementation of OCL Support in UML CASE Tools –the ROCASE Experience; Objectives, Proposals, Perspectives*- in Proc. of 4th International Conference on Information Systems Modelling, ISM '01, Hradec nad Moravicí, Czech Republic, May 2001.

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10. Jörn Guy Süß, Peter Fritzson and Adrian Pop - The Impreciseness of UML and Implications for ModelicaML - in Fritzson, Peter ; Cellier, François and Broman, David (eds.) (2008). Proceedings of the 2nd International Workshop on Equation-Based Object-Oriented Languages and Tools - ISSN (print): 1650-3686, ISSN (online): 1650-3740 - pp. 17-26 - online at: http://www.ep.liu.se/ecp/029/003/ecp08029003.pdf

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11. Jean-Paul Van Belle's Ph D Thesis „Framework for the Analysis and Evaluation of Enterprise Models", Department of Information, University of Cape Town see: http://www.commerce.uct.ac.za/informationsystems/Staff/PersonalPages/jvbelle/work/phdsources.htm
12. Pieter Van Gorp, Hans Schippers, Dirk Janssens, Copying Subgraphs within Model Repositories – Electronic Notes in Theoretical Computer Science, Volume 211, 28 April 2008, Pages 133-145, Proceedings of the Fifth International Workshop on Graph Transformation and Visual Modeling Techniques (GT-VMT 2006), doi:10.1016/j.entcs.2008.04.036

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Dan Chiorean, etc. – Ensuring UML models consistency using the OCL Environment – OCL 2.0 – UML 2003 – online at: http://i11www.ilkd.uni-karlsruhe.de/~baar/oclworkshopUml03/papers/06_ensuring_uml_model_consistency.pdf

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13. Damien Azambre, Mathieu Bergeron, and John Mullins - Validating UML and OCL models in SOCLe by simulation and model-checking – In Proceedings of MOMPES'2005, pag. 57-76, ISBN 952-12-1556-9 ISSN 1239-1905 online at: http://www.tucs.fi/publications/attachment.php?fname=G39.pdf and http://www.di.uminho.pt/~mompes/papers/2005_MOMPES_AzambreBergeronMullins.pdf
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15. Allyson M. Hoss – Ontology-Based methodology for Error Detection in Software Design – PhD Dissertation at Louisiana State University – August 2006 – URN: etd-07102006-103349 – online at: http://etd.lsu.edu/docs/available/etd-07102006-103349/
16. Jörn Guy Süß – Sugar for OCL – in Proceedings of the OCLApps 2006 Workshop, Technical Reports of the Technische Universität Dresden, ISSN 1430-211X, TUD-FI06 pp. 111-125
17. Lijun Shan and Hong Zhu - Specifying Consistency Constraints for Modelling Languages – in Proceedings of the Eighteenth International Conference on Software Engineering & Knowledge Engineering (SEKE'2006), ISBN: 1-891706-18-7, pages 578-583 - online at: http://cms.brookes.ac.uk/staff/HongZhu/Publications/SEKE2006.pdf
18. Iris Reinhartz-Berger - Conceptual Modeling of Structure and Behavior with UML – The Top Level Object-Oriented Framework UML – The Top Level Object-Oriented Framework – in Proceedings of 24th International Conference on Conceptual Modeling – Springer 2005 - LNCS 3716 pp. 1-15 ISBN 3-540-29389-2 , http://dx.doi.org/10.1007/11568322_1 online at: http://mis.hevra.haifa.ac.il/~iris/research/TLOOF4ER05.pdf
19. Bogumiła Hnatkowska - Verification of Good Design Style of UML Models – Proceeding of the International Conference - Information System Implementation and Modeling 2007 - Hradec nad Moravicí, Czech Republic, April 23-25, 2007 – ISSN 1613-0073 - pp. 83-90 – online at: http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-252/paper10.pdf
20. Alexandre Correa and Claudia Werner - Refactoring object constraint language specifications – SOSYM (2007)6 pp:113-138 - DOI 10.1007/s10270-006-0023-y
21. Lijun Yu, Robert B. France, Indrakshi Ray and Kevin Lano - A light-weight static approach to analyzing UML behavioral properties – in Proceedings of the 12th IEEE International Conference on Engineering Complex Computer Systems (ICECCS 2007), 207 – pp 56-63, DOI: http://doi.ieeecomputersociety.org/10.1109/ICECCS.2007.10
22. Sandra Lovrenčić, Kornelije Rabuzin, Ruben Picek - FORMAL MODELLING OF BUSINESS RULES: WHAT KIND OF TOOL TO USE? – in Journal of information and organizational sciences, Volume 30, Number 2 (2006) - ISSN: 0351-804 - pp. 225-239 online at: http://www.foi.hr/CMS_home/znan_strucni_rad/zbornik/JIOS-Vol30-No2-2006.pdf
23. Iris Reinhartz-Berger, Arnon Sturm - Enhancing UML Models: A Domain Analysis Approach – 33 pages online at http://mis.hevra.haifa.ac.il/~iris/research/ADOM-UMLexpJDM.pdf - the Journal on Database Management (JDM), special issue on UML Topics, volume 19, number 1, pp. 74-94 2008 - ISSN: 1063-8016 EISSN: 1533-8010 - http://www.igi-pub.com/articles/details.asp?ID=7670
24. Dubrava Ilic, Sari Leppanen, Elena Troubitsyna, Linas Laibinis – Towards Automated Model-Driven Development of Distributed Communicating Systems and Communication Protocols – TUCS Technical Report No 829, July 2007 – ISBN 978-952-12-1919-1, ISSN 1239-1891, online at: http://crest.abo.fi/publications/public/2007/TR829.pdf
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26. Michael Wahler – Using Patterns to Develop Consistent Design Constraints – PhD. Dissertation – ETH Dissertation No. 17643 - Zurich – 2008 – online at:

http://kisogawa.inf.ethz.ch/WebBIB/publications/papers/2008/0_wahler.dissertation.2008.color.pdf
27. Stefan Marr – Modellkonsistenz – Seminar in Sommersemester 2007 - Software-Qualität bei der modellbasierten Softwareentwicklung – online at: http://www.stefan-marr.de/downloads/Modellkonsistenz.paper.pdf
28. Carlos Mario Zapata, Guillermo González and Alexander Gelbukh - A Rule-Based System for Assessing Consistency Between UML Models - Springer - LNCS 4827/2007 - pp.215-224 - ISBN 978-3-540-76630-8 - DOI - 10.1007/978-3-540-76631-5_21
29. Carlos Mario Zapata , Guillermo González – Edification Formal De OCL de Reglas De Consistencia Entre Los Diagramas de Clases Y Casos de Uso de UML Y El Modelo De Interfaces – Revista de Ingenerias Universidad de Medelin ISSN (Version impresa): 1692-3324 – julio-diciembre 2008/vol 6 numero 012, pp. 169-191 online at: http://redalyc.uaemex.mx/redalyc/pdf/750/75061210.pdf
30. Department of Computer Science, Graduate School of Information Science & Technology, University of Osaka – Spftware Engineering Laboratory - Master Thesis – 8 February 2008 online at: http://sel.ist.osaka-u.ac.jp/~lab-db/Mthesis/archive/83/83.pdf
31. Marina Egea - An Executable Formal Semantics for OCL with Applications to Model Analysis and Validation - Universidad Complutense de Madrid - Facultad de Informática - PhD thesis - online at: http://maude.sip.ucm.es/~marina/pubs/thesis.pdf
32. Model-Driven Software Development : Integrating Quality Assurance - Rech Jorg and Bunse Christian editors - cap IX Michael Wahler - A Pattern Approach to Increasing the Maturity Level of Class Models - pp. 204-235 – Idea Grup Blackwell's Book Services 2009
33. Lijun Yu, Robert France and Indrakshi Ray – Scenario-Based Analysis of UML Class Models – in Model Driven Engineering Languages and Systems – Springer - LNCS 5301/2008 pp. 234-248 – ISSN 0302-9743
34. Kenji KAIJIRI - Self-proliferate software product diagnosis system - Technical Report of IEICE - The Institute of Electronics, Information and Communication Engineers - Nagano, 380-0935 Japan - online at: http://kaiunix.cs.shinshu-u.ac.jp/eng/Resource/sigss200506.pdf
35. Michael Wahler, David Basin, Achim D. Brucker and Jana Koehler - Efficient Analysis of Pattern-Based Constraint Specifications - in Software and Systems Modeling, 2009 Springer - online at: http://www.zurich.ibm.com/pdf/csc/WABABRKO09.pdf
36. Zhe Chen and Gilles Motet - A Language-theoretic View on Guidelines and Consistency Rules of UML - in, Model Driven Architecture - Foundations and Applications - Springer LNCS, Volume 5562/2009, ISBN 978-3-642-02673-7, DOI 10.1007/978-3-642-02674-4_6, pp. 66-81, online at: http://www.springerlink.com/content/m48m3771133j7835/
37. Francisco J. Lucas, Fernando Molina1, and Ambrosio Toval - A systematic review of UML model consistency management - Information and Software Technology - Elsevier B.V. 2009 - doi doi:10.1016/j.infsof.2009.04.009
38. Selo Sulistyo, Andreas Prinz - Recursive Modeling for Completed Code Generation - in Proceedings of First European Workshop on Behaviour Modelling in Model Driven Architecture (BM-MDA) Enschede, The Netherlands, 2009 - CTIT Workshop Proceedings Series WP09-04 ISSN 0929-0672 - pp. 86-99 and in ACM International Conference Proceeding Series; Vol. 379 – 2009 - ISBN:978-1-60558-503-1
39. Lijun Yu, Robert France, Indrakshi Ray, Sudipto Ghosh, "A Rigorous Approach to Uncovering Security Policy Violations in UML Designs," iceccs, pp.126-135,

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41. Vanessa Stricker, Stefan Hanenberg, and Dominik Stein, "Designing Design Constraints in the UML Using Join Point Designation Diagrams", in Lecture Notes in Business Information Processing, 2009, ISSN 1865-1348 (Print) 1865-1356 (Online), Volume 83, pp. 57-76, DOI 10.1007/978-3-642-02571-6_5
42. Michael Wahler, David Basin, Achim D. Brucker and Jana Koehler - Efficient analysis of pattern-based constraint specifications - SOSYM Springer - published online: 14 August 2009 - DOI 10.1007/s10270-009-0123-6 - online at: http://www.springerlink.com/content/109378/?Content+Status=Accepted
43. Brahman Zamani - On Verifying the use of a Pattern Language in Model Driven Design - The Department of ComputerScience and Software Engineering - Concordia University - Montreal Canada 2009 - online at: http://users.encs.concordia.ca/~b_zamani/BahmanThesis.pdf
44. Olegas Vasilecas, Ruta Dubauskaite - Ensuring Consistency of Information Systems Rules Models - International Conference on Computer Systems and Technologies - CompSysTech'09 - online at - http://www.compsystech.org/index.php?cmd=dPage&pid=cpr09

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Dan Chiorean, Maria Bortes, – Dyan Corutiu *UML/OCL tools – Objectives, Requirements, State of the Art – The OCLE Experience*; in Proceedings of 11th Nordic Workshop on Programming and Software Development Tools and Techniques pag. 163-180 – ISBN 952-12-1385-X, ISSN 1239-1905, 2004

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45. Thomas Baar: Non-deterministic Constructs in OCL - What does any() Mean – in Springer LNCS Volume 3530/2005, pp32-46- ISSN:0302-9743, , online at: http://lgl.epfl.ch/pub/Papers/baar-2005-sdl.pdf
46. Alexandre Correa, Cláudia Werner, Márcio Barros - Enhancing the Understandability of OCL Specifications – in Proceedings of the XXI Simpósio Brasileiro de Engenharia de Software 2007, pp. 22- 38 – online at: http://www.lbd.dcc.ufmg.br:8080/colecoes/sbes/2007/SBES02.pdf

Lucrarea:
Dan Chiorean, Maria Bortes, – Dyan Corutiu - *Semantic Validation of XML Data, a Metamodeling Approach* - in Proceedings of 3rd Nordic Workshop on UML and Software Modeling pag. 86-107 – ISBN 951-44-6399-4, ISSN 1459-6903, 2005

Citată în:

47. Terje Gjøsæter, Jan Pettersen Nytun, Andreas Prinz, Mikael Snaprud, and Merete Skjelten Tveit - Modelling Accessibility Constraints - ICCHP 2006, LNCS 4061, pp. 40 – 47, 2006 - Springer-Verlag Berlin Heidelberg 2006 – online at:

http://www.eiao.net/publications/gjosater_Modelling20Accessibility20Constraints_ICCHP202006.pdf/download

Lucrarea:

Object Constraint Language Environment, a Tool Supporting Teaching and learning UML, OCL, Metamodeling, Abstraction and Design by Contract – in Proceedings of Eight Workshop on Pedagogies and Tools for Teaching and Learning Object Oriented Concepts – online at: http://www.cs.umu.se/~jubo/Meetings/ECOOP2004

Citată în:

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4. Distincţii, premii şi alte recunoaşteri naţionale şi internaţionale

5. Studenţi naţionali atraşi (activităţi de coordonare ştiinţifică şi didactică)

- Îndrumare lucrari de licentă (număr lucrări susţinute)
17 lucrari

- Îndrumare lucrări de disertaţie (număr lucrări susţinute)

5 lucrari

- Doctoranzi (lista nominală a doctoranzilor înmatriculaţi resp. lista nominală a tezelor susţinute)
- Post-doctoranzi (lista nominală)

6. Studenţi internaţionali atraţi (activităţi de coordonare ştiinţifică şi didactică)

- Îndrumare lucrari de licenta (număr lucrări susţinute)
- Îndrumare lucrări de disertaţie (număr lucrări susţinute)
- Doctoranzi (lista nominală a doctoranzilor înmatriculaţi resp. lista nominală a tezelor susţinute)
- Post-doctoranzi (lista nominală)

7. Membru in comitetul de redacţie la reviste ISI

Reviewer la

- SOSYM (Springer) – 2007
- Information Systems (Elsevier) - 2008

8. Membru in comitetul de redacţie la reviste BDI

9. Participări la programe/granturi de cercetare finanţate din sursă internaţională (se menţionează şi valoarea)

10. Participări la programe/granturi finanţate din sursă naţională (se menţionează şi valoarea)

11. Coordonări de programe/granturi finanţate din sursă internaţională (se menţionează şi valoarea)

- Proiect ECONET 2007-2008 finantat de Ministerul Francez de Externe – parteneri: Universite de Nantes, Ecole de Mines de Nantes, Charles University Prague – responsabil de proiect pentru echipa Romana – UBB (val aprox. 6000 EUR - suma in EUR platita pentru 3 deplasari la Praga, 3 la Nantes si o parte din cheltuielile Workshopului de la Cluj-Napoca. Conform protocolului, suma a fost transferata direct in contul fiecarui participant

12. Coordonări de programe/granturi finanţate din sursă naţională (se menţionează şi valoarea)

- Contractul ID_2049 nr. 465/2009 - CADRU BAZAT PE UTILIZAREA EXTENSIVA A METAMODELARII PENTRU SPECIFICAREA, IMPLEMENTAREA SI VALIDAREA LIMBAJELOR SI APLICATIILOR (CUEM_SIVLA)– director de contract – **Dan Chiorean** – suma încasată în 2009 - 54857.35 lei

13. Profesor invitat la universitati de prestigiu, cu titlu oficial

14. Membru în comisii profesionale relevante, cu titlu oficial

15. Conferinţe invitate internaţionale

- Checking UML Models – invited talk - University of Innsbruck 31 October 2005 – vezi imaginea emailului atasat.

- Model Checking – an OCL perspective – invited talk - The ECONET 2007 Workshop – Charles University Prague – 4 september 2007 vezi raportul ECONET cu programul si doc. ECONET-

- CCMM from Metamodel Specification to the Repository Implementation - invited talk – University of Nantes - The ECONET 2008 Workshop – Nantes – 12 mai – vezi raportul ECONET atasat, precum si invitatia

16. Membru în comitete de organizare sau ştiinţifice ale unor conferinţe internaţionale

Organizator de manifestări ştiinţifice internaţionale:

- Workshop-ul "Tool Support for OCL and Related Formalisms - Needs and Trends" organizat în cadrul Conferinţei Internaţionale MoDELS'05 – vezi: http://www.modelsconference.org/ respectiv: http://lgl.epfl.ch/members/baar/oclwsAtModels05/

- Workshop-ul “OCL for (Meta-)Models in Multiple Application Domains (OCLApps)” organizat în cadrul Conferinţei Internaţionale MoDELS’06 (organizator principal şi persoană de contact) vezi: http://www.modelsconference.org/, respectiv http://st.inf.tu-dresden.de/OCLApps2006
- Workshopul ECONET 2008 – Cluj 20-23 septembrie 2008

Membru în PC la următoarele ma nifestări internaţionale:

- Workshop-ul “Tool Support for OCL and Related Formalisms - Needs and Trends” organizat în cadrul Conferinţei internaţionale MoDELS’05 – vezi: http://lgl.epfl.ch/members/baar/oclwsAtModels05/
- Copreşedinte şi membru în comitetul de program al OCLApps 2006 – vezi http://st.inf.tu-dresden.de/OCLApps2006
- 7th International Conference on Web Engineering ICWE 2007 vezi: http://www.icwe2007.org
- 8th International Conference on Web Engineering ICWE 2008 vezi: http://icwe2008.webengineering.org/ProgramCommittee/
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- TOOLS 2007 - Workshop Committee – see: http://tools.ethz.ch/callforworkshops.html
- Workshopul „Ocl4All: Modelling Systems with OCL” organizat în cadrul MODELS’07 – vezi http://st.inf.tu-dresden.de/Ocl4All2007/
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III. Realizare remarcabilă

Consider că cea mai importantă realizare a reprezentat-o recunoaşterea în comunitatea ştiinţifică internaţională acompetenţelor în domeniul modelării, în particular cele legate de specificarea şi utilizarea Object Constraint Language, recunoaştere materializată prin invitarea organizării de manifestări internaţionale (menţionate în cadrul documentului) precum şi invitarea în comitetul de program al manifestărilor internaţionale de profil, fără întrerupere din 2005 până astăzi. În plus, pentru articole pe această temă, am fost invitat ca reviewer la revistete ISI: SOSYM (Springer) şi respectiv Information Systems (Elsevier). Deasemenea, tot în această perioadă, am fost invitat să particip la proiectul Internaţional ECONET (2007-2008) finanţat de Ministerul Francez de Externe. În 2008, propunerea de proiect IDEI, avansată de subsemnatul a fost acceptată. Din păcate, finanţarea pentru 2009 a fost acordată într-un procent de sub 20% din cea aprobată la acceptarea proiectului. La evaluarea primului an, proiectul a fost apreciat cu 47 puncte, pentru 2010 finanţarea fiind sistată din lipsă de fonduri

19 martie 2010 lec. dr. Dan CHIOREAN

Certific validitatea datelor prezentate

Sef de catedră,

Prof. Dr. Bazil PÂRV

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