

List of Publications

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October 12, 2006

- [1] Simona Barticel, Horia Bretan, Catalin Costea, Camelia Cretu, Alina Mara, Cosmin Magerusan, Grigore Marcus, Andreea Mihiş, Radu Muresan, Dragoş Petraşcu, Alexandru Pitiş, and Adrian Tompa. *An Application for Higher Education Admission. Seminar on Computer Science*, 1:163–170, 2002. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania).
- [2] Simona Barticel, Camelia Cretu, Alina Mara, Cosmin Magerusan, Grigore Marcus, Andreea Mihiş, Dragoş Petraşcu, and Adrian Tompa. *Documentation Server. Seminar on Computer Science*, 1:65–74, 2001. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania).
- [3] Vladliela Ciobotariu-Boer and Dragoş Petraşcu. *X-Machines Modeling. A Case Study*. In *Proceedings of the Symposium “Colocviul Academic Clujean de Informatica”*, pages 75–80. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania), 2005.
- [4] Zsolt Lazar, Andreea Fanea, Dragoş Petraşcu, Vladliela Ciobotariu-Boer, and Bazil Parv. *COMODI: On the Graphical User Interface*. In *7th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2005)*, pages 82–86. Department of Computer Science, West University (Timisoara, Romania), Research Institute for Symbolic Computation, Johannes Kepler University (Linz, Austria), Research Institute e-Austria (Timisoara, Romania), 2005.
- [5] Simona Motogna, Dragoş Petraşcu, and Bazil Parv. *Automata-Based Compositional Analysis of Component Systems. Design and Implementation Issues*. In *Fourth International Conference on Applied Mathematics (ICAM4)*, pages 197–203. Department of Mathematics and Computer Science, North University of Baia Mare (Baia Mare, Romania), 2004.
- [6] Bazil Parv, Simona Motogna, and Dragoş Petraşcu. *Component System Checking Using Compositional Analysis*. In *Proceedings of the International Conference on Computers and Communications (ICCC2004)*, pages 325–329. Department of Computer Science, University of Oradea (Baile Felix, Romania), 2004.
- [7] Bazil Parv, Simona Motogna, and Dragoş Petraşcu. *Finding Errors in a Component Model Using Automata Techniques*. In *Fifth Joint Conference on Mathematics and Computer Science (5th MaCS)*, page 69. Babes-Bolyai University (Cluj-Napoca, Romania), Eotvos

- Lorand University (Budapest, Hungary), University of Debrecen (Debrecen, Hungary), 2004.
- [8] Dragos Petrascu. *Probleme rezolvate folosind metoda Branch and Bound*. *Gazeta de Informatica*, 1:47–54, 1997. Editura Libris (Cluj-Napoca, Romania).
 - [9] Dragos Petrascu. *Testarea automata a programelor*. lucrare de licenta, Facultatea de Matematica si Informatica, Universitatea Babes-Bolyai (Cluj-Napoca, Romania), 2001.
 - [10] Dragos Petrascu. *Formal Methods in Object-Oriented Analysis and Design*. lucrare de disertatie, Facultatea de Matematica si Informatica, Universitatea Babes-Bolyai (Cluj-Napoca, Romania), 2002.
 - [11] Dragos Petrascu. *Patterns for Mapping Object Models and Relational Databases*. In *Proceedings of the Symposium “Colocviul Academic Clujean de Informatica”*, pages 65–70. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania), 2003.
 - [12] Dragos Petrascu. *Patterns for Mapping XML Documents and Relational Databases*. In *Proceedings of the Symposium “Zilele Academice Clujene”*, pages 33–38. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania), 2004.
 - [13] Dragos Petrascu and Vladuela Ciobotariu-Boer. *Software Test Automation Based on X-machines Modeling*. In *Proceedings of the Symposium “Colocviul Academic Clujean de Informatica”*, pages 81–86. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania), 2005.
 - [14] Vladuela Petrascu and Dragos Petrascu. *Formalizing the State Pattern in an UML-B Context*. In *6th Joint Conference on Mathematics and Computer Science (6th MaCS)*, page 74. Babes-Bolyai University (Cluj-Napoca, Romania), Eotvos Lorand University (Budapest, Hungary), University of Pecs (Pecs, Hungary), 2006.
 - [15] Vladuela Petrascu and Dragos Petrascu. *Proving the Soundness of an OO Model Using the B Method*. In *Proceedings of the Symposium “Zilele Academice Clujene”*. Faculty of Mathematics and Computer Science, Babes-Bolyai University (Cluj-Napoca, Romania), 2006.