

Referred Conference Proceedings

1. “*Pre-order Compression Schemes for XML in the Real Time Environment*”. T. Corbin, T. Müldner, J.K. Miziołek, The Ninth International Conference on Web Information Systems and Technologies, WEBIST 2013, May 6-8, 2013 – Aachen, Germany. **Best Paper Award**
2. “*Online Internet Communication using an XML Compressor*”, T. Müldner, J.K. Miziołek, C. Fry, The Seventh International Conference on Internet and Web Applications and Services, ICIW 2012, May 27 - June 1, 2012 - Stuttgart, Germany. **Best Paper Award**
3. “*Parallelization of an XML Data Compressor on Multi-cores*”, T. Müldner, C. Fry, T. Corbin, J.K. Miziołek. PPAM 2012, Torun, Poland
4. “*Updates of Compressed Dynamic XML Documents*”, T. Müldner, C. Fry, J.K. Miziołek, T. Corbin. The Eighth International Network Conference (INC2010), Heidelberg, Germany, July 2010.
5. “*XSAQCT: An XML queryable compressor*”. T. Müldner, C. Fry, J. K. Miziołek, S. Durno. Balisage: The Markup Conference, August 10 — 14, 2009, Montréal, Canada
6. “*Secure Publishing using Schema-level Role-based Access Control Policies for Fragments of XML Documents*”. T. Müldner, R. McNeill, J. K. Miziołek. Balisage: The Markup Conference, August 12 — 15, 2008, Montréal, Canada.
7. “*Succinct Access Control Policies for Published XML Datasets*”. T. Müldner, J. K. Miziołek, G. Leighton, 10th International Conference on Enterprise Information Systems, 12 - 16, June 2008 Barcelona, Spain.
8. “*Using XML Compression to Increase Efficiency of P2P Messaging in JXTA-based Environments*”. B. Demmings, T. Müldner, O. Islam, A. Young. Extreme Markup Languages 2007, August 7-11, Montreal, Canada,
9. “*Using Multilingual Wikis in E-Learning*“. T. Müldner, IADIS International Conference e-Learning 2007, Lisbon, Portugal.
10. “*AETA: Algorithm Explanation Teaching Agent*“. B. Demmings, E. Shakshuki, and T. Müldner. IEEE 4th International Conference on Information Technology: New Generations, April 2-4, 2007, Las Vegas, Nevada, USA, pp. 616-621.
11. “*Persistent Storage and Querying of Compressed XML Documents on the Web*”. B. Demmings, T. Müldner, G. Leighton, A. Young, O. Islam” IADIS International Conference WWW/Internet 2006.
12. “*Using Cocoon to Build Globalized Webpages*”. T. Müldner, Zhinan Shen, Boya Li, IADIS International Conference WWW/Internet 2006
13. “*Using Multi-Encryption to Provide Secure and Controlled Access to XML Documents*”. T. Müldner, G. Leighton, J. K. Miziołek, Extreme Markup Languages 2006, August 7-11, Montreal, Canada.
14. “*Cooperative Development of Internationalized Documents*”. T. Müldner, Zhinan Shen, COOP'06, 7th International Conference on the Design of Cooperative Systems, Carry-le-Rouet, Provence, France, June 2006.
15. “*Using XML Compression for WWW Communication*”. T. Müldner, G. Leighton, J. Diamond, IADIS International Conference WWW/Internet 2005
16. “*Globalizing Internet Websites*”. T. Müldner, Zhinan Shen, The Ninth IASTED International Conference on INTERNET & MULTIMEDIA SYSTEMS & APPLICATIONS IMSA 2005.
17. “*XML Conversions of Bibliographical Data*”. T. Müldner, Zhinan Shen, EDMEDIA'05, Montreal, Canada.
18. “*Using Structured Hypermedia to Explain Algorithms*”. T. Müldner, E. Shakshuki, A. Kerren, Zhinan Shen, Xiaoguang Bai. IADIS e-Society 2005, Topic: eLearning (Educational Systems Design),
19. “*TREECHOP: A Tree-based Query-able Compressor for XML*”. G. Leighton, T. Müldner, J. Diamond, The Ninth Canadian Workshop on Information Theory, Montreal, June 2005.

20. *"Management of Distributed Data"*. T. Müldner, E. Shakshuki Zhonghai Luo, M. Powell, Proceedings of the 1st International Conference on Information Management and Business (IMB 2005) Taipei, Taiwan, pp. 21-27.
21. *"Distribution of Data and Remote Invocation of Programs"*. T. Müldner, Zhonghai Luo, E. Shakshuki, Proceedings of the First International Workshop on Information Networking and Applications (INA'2005), IEEE Computer Society, pp. 429-432.
22. *"Generic Approach to Internationalization of Websites"*. T. Müldner, D. Benoit. IASTED International Conference SOFTWARE ENGINEERING AND APPLICATIONS~SEA 2004 Proceedings, pp. 465-470.
23. *"IDUX: Internationalization of Data Using XML"*. D. Benoit, T. Müldner, IADIS WWW/Internet 2004 Conference proceedings pp. 469-476,
24. *"Yet another Way to Explain Algorithms"*. T. Müldner, E. Shakshuki, J. Merrill, The 7th IASTED International Conference on COMPUTERS AND ADVANCED TECHNOLOGY IN EDUCATION ~CATE 2004, p. 136-141.
25. *"On Visualization and Implementation of Algorithms"*. T. Müldner, E. Shakshuki, MSV/AMCS 2004: Las Vegas, Nevada, USA, pp. 464-470.
26. *"ATIA: Algorithm Teaching Interface Agent"*. E. Shakshuki, T. Müldner, The 5th International Conference on Information Technology Based Higher Education and Training (ITHET'04), IEEE Computer Society, pp. 138-143, May 31th - June 2nd, Istanbul, Turkey, 2004.
27. *"Selecting Media for Explaining Algorithms"*. T. Müldner, E. Shakshuki, J. Merrill, EDMEDIA'04; Lugano, Switzerland. AACE Proceedings, pp. 2048-2053.
28. *"Building Distributed Educational Applications using Peer-To-Peer"*. T. Müldner, G. Leighton, EDMEDIA'04; Lugano, Switzerland. AACE Proceedings, pp. 125-133.
29. *"My webpage can speak many languages"*. T. Müldner, F. Wang, D. Benoit, EDMEDIA'04; Lugano, Switzerland. AACE Proceedings, pp. 2040-2046,
30. *"A new Approach to Learning Algorithms"*. T. Müldner, E. Shakshuki, International Conference on Information Technology (ITCC2004), IEEE Computer Society, pp. 141-145, April 5-7, Las Vegas, USA, 2004.
31. *"Using Compile-time Techniques to Generate and Visualize Invariants for Algorithm Explanation"*. R. Wilhelm, T. Müldner, Second Program Visualization Workshop: HornstrupCentret, Denmark, June 27-28, 2002.
32. *"The Application of Software Agents and XML for Building Distributed Collaborative Learning Environments"*. T. Müldner, T. Newell, IASTED: International Conference on Internet and Multimedia Systems and Applications (IMSA2001), August 2001, Hawaii, USA. ACTA Press. Internet and Multimedia Systems and Applications. Editor: B. Furht pp. 324-328.
33. *"Building Infrastructure for Mobile Software Agents"*. T. Müldner, Thian-Tin Ter, Webnet'2000, San Antonio, USA. Proceedings of the International Conference Webnet'2000, San Antonio, USA. pp. 419-424.
34. *"Distributed Repository of Programming Examples"*. T. Müldner, Vicky Shiv, Edmedia'2000, June 2000, Montreal, Canada. AACE Proceedings of the EDMEDIA'00, in Montreal, Canada, 2000, pp. 788-793.
35. *"An Experiment with Computer-Supported Cooperative Work: Shared Workspace"*. T. Müldner, Soon Ping Phang, Webnet'99. Honolulu, Hawaii, November 1999. Proceedings of the Webnet'99. Honolulu, Hawaii, 1999, pp. 788-793.
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37. *"Analysis of Java Client/Server and Web Programming Tools for Development of Educational Systems"*. T. Müldner, Webnet'98. Orlando, Florida, November 1998. Proceedings of the Webnet'98, Orlando, pp. 800-805.
38. *"Virtual Collaborative Working Environments (Case Study: Electronic Classroom Interactions)"*. K. Hussey, T. Müldner, Edmedia'98, Freiburg, Germany. AACE Proceedings of the EDMEDIA'98, Freiburg, Germany. pp. 1755-1757.
39. *"Computer Based Presentations to teach Computer Science: Past and Current Experience"*. T. Müldner, K. Müldner, WCCE'97.

40. “*Interactive Hypertext Documentation for Computer Based Applications*”. T. Müldner, Norlaily Mahayuddin, EDMEDIA'97, Calgary, June 1997.
41. “*The Design and Evolution of an Authoring Environment and its Applications*”. T. Müldner, K. Müldner, C. van Veen, EDMEDIA'96, Boston, June 1996.
42. “*Generating Individualized Curricula*”. T. Müldner, Lay Been Tan, EDMEDIA'95, Graz, Austria June, 1995.
43. “*Rapid Prototyping of Computer-Based Presentations, using NEAT, Version 1.1*”. T. Müldner, EDMEDIA'96, Boston,
44. “*SLADER: Hypermedia Presentation on Drugs and Alcohol Use*”. T. Müldner, C. van Veen, P. Duncan, 12th Annual SALT Conference on Interactive Instruction Delivery, Orlando, February 1994.
45. “*NEAT: An iNtegrated Authoring Environment based on ToolBook*”. T. Müldner, C. Unger, S. Mayer, EDMEDIA'93, June 1993, Orlando, Florida.
46. “*Using the Authoring system QUEST to implement courseware in Computer Science*”. T. Müldner, E. Lowe, 34th ADCIS/SIGCUE International Conference, Norfolk, Virginia, Nov. 8-11, 1992.
47. “*Design and Implementation of Courseware for Teaching Programming Languages*”. T. Müldner, R. Blondon, International Conference on Computers and Learning, ICCAL'92 Wolfville, NS, June 17-20, 1992.
48. “*OBJECTOR, yet another authoring system*”. T. Müldner, M. Elammari, International Conference on Computers and Learning Conference, ICCAL'92. Wolfville, NS. June 17-20, 1992,
49. “*Authoring Tools for Developing Computer Science Courses*”. T. Müldner, M. Elammari, 10th Annual SALT Conference on Interactive Instruction Delivery, Orlando Multimedia'92.
50. “*Core Concurrency*”. T. Müldner, P. Proszynski, ICCI '90: International Conference on Computing and Information Niagara Falls, May 1990. Canadian Scholars' Press, Toronto, p. 362-366.
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53. “*Complete Sequential Specification Allows for a Concurrent Execution*”. R. Janicki, T. Müldner, ACM 1989 Computer Science Conference, Louisville, Kentucky, USA, pp. 1-10. Feb. 21-23, 1989.
54. “*Sequential Specifications and Concurrent Executions of Banach Programs*”. R. Janicki, T. Müldner, Proc. CIPS'88, Edmonton, Canada. pp. 175-183. November 1988.
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57. “*Programming Language PROGRAPH*” S. Matwin, T. Müldner and T. Pietrzykowski, Graphics Interface '83, Edmonton, Alberta, Canada,
58. “*PROGRAPH - A Friendly Tool for Microcomputer Software Engineering*”. S. Matwin, T. Müldner and T. Pietrzykowski, 11th Annual Meeting of the CAIS, Halifax, Canada, 1984.
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63. “*Computational Processes Generated by Programs with Recursive Procedures and Block Structures*”. T. Müldner, A. Salwicki, MFCS 1976, Gdansk, Poland, Lect. Notes in Comp. Sc. 45. Springer-Verlag.