

Publication List: The Trellis Hypertext Project

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This is a list of papers issued by the Trellis Hypertext Project. We have removed duplicate papers from this list (i.e., Technical Reports that were later published in other forms, etc.).

1. P. David Stotts and Richard Furuta. "Adding Browsing Semantics to the Hypertext Model." *Proceedings of the ACM Conference on Document Processing Systems* (December 5–9, 1988, Santa Fe, New Mexico). ACM, New York, 1988, pages 43–50. (An earlier version was issued as Technical Report CS-TR-2046 and UMIACS-TR-88-43, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (June 1988).)
2. P. David Stotts and Richard Furuta. "Petri-Net-Based Hypertext: Document Structure with Browsing Semantics." *ACM Transactions on Information Systems*, Volume 7, Number 1, January 1989, pp. 3–29.
3. P. David Stotts and Richard Furuta. "Timing Analysis of Synchronous Browsing in Petri-Net-Based Hypertext" Technical Report CS-TR-2251 and UMIACS-TR-89-53, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (May 1989).
4. Richard Furuta and P. David Stotts. "Object Structures in Paper Documents and Hypertexts." *BIGRE* No. 63–64, May 1989, pp. 147–151. Proceedings of WOODMAN '89: Workshop on Object-Oriented Document Manipulation, Rennes, France, May 29–31, 1989.
5. P. David Stotts and Richard Furuta. "Access Control and Verification in Petri-Net-Based Hyperdocuments." In *COMPASS '89, Systems Integrity, Software Safety and Process Security: Proceedings of the Fourth Annual Conference on Computer Assurance* (Gaithersburg, MD, June 19–23, 1989). IEEE, Washington Section, 1989, pages 49–55.
6. Richard Furuta and P. David Stotts. "Separating Hypertext Content from Structure in Trellis." *Hypertext 2*, University of York, June 29th and 30th, 1989. (Also issued as Technical Report CS-TR-2183 and UMIACS-TR-89-8, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (January 1989).)
7. P. David Stotts and Richard Furuta. "Alpha: An Authoring Language for Petri-Net-Based Hypertext." *Hypertext 2*, University of York, June 29th and 30th, 1989.
8. Richard Furuta and P. David Stotts. "Programmable Browsing Semantics in Trellis." *Hypertext '89 Proceedings* (November 5–8, 1989, Pittsburgh, PA), Association for Computing Machinery, 1989, pages 27–42. (Also issued as Technical Report CS-TR-2259 and UMIACS-TR-89-56, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (May 1989).)
9. P. David Stotts and Richard Furuta. "Browsing Parallel Process Networks." *Journal of Parallel and Distributed Computing*, Volume 9, Number 2, June 1990, pp. 224–235. (A more complete version is available as Technical Report CS-TR-2344 and UMIACS-TR-89-108, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (November 1989).)
10. P. David Stotts and Richard Furuta. "Temporal Hyperprogramming." *Journal of Visual Languages and Computing*, volume 1, 1990, pp. 237–253. (Also issued as Technical Report CS-TR-2349 and UMIACS-TR-89-113, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (November 1989).)

11. Richard Furuta and P. David Stotts. "Generalizing Hypertext: Domains of the Trellis Model" *Technique et Science Informatiques (Technology and Science of Informatics)*, Volume 9, Number 6, November 1990, pp. 493-503. (Also issued as Technical Report CS-TR-2418 and UMIACS-TR-90-29, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (February 1990).)
12. P. David Stotts and Richard Furuta. " α Trellis: A System for Writing and Browsing Petri-Net-Based Hypertext." In Grzegorz Rozenberg, Editor, *Advances in Petri Nets 1990, Lecture Notes in Computer Science #483*, Springer-Verlag, 1991, pages 471-490. A revised version of *Proceedings of the Tenth International Conference on Application and Theory of Petri Nets*, Bonn, W. Germany, June 1989, pp. 312-328.
13. Richard Furuta and P. David Stotts. "Dynamic Characteristics of Hypertext." National Institute of Standards and Technology Internal Report number NISTIR 4404. August 1990. Also issued as Technical Report CS TR 2529 and UMIACS TR 90-115, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (September 1990).
14. P. David Stotts and Richard Furuta. "Hierarchy, Composition, Scripting Languages, and Translators for Structured Hypertext." In A. Rizk, N. Streitz, and J. André, editors, *Hypertexts: Concepts, Systems, and Applications*, Cambridge University Press, 1990. Proceedings of the European Conference on Hypertext, pages 180-193, November 1990. (Also issued as Technical Report CS-TR-2472 and UMIACS-TR-90-68, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland, May 1990.)
15. Richard Furuta and P. David Stotts. "Structured Dynamic Behavior in Hypertext." Technical Report CS TR 2597 and UMIACS TR 91-14, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (January 1991).
16. Richard Furuta and P. David Stotts. "A Functional Meta-Structure for Hypertext Models and Systems." *Electronic Publishing: Origination, Dissemination & Design*, Volume 3, Number 4, November 1990, pp. 179-205. [A portion of this paper appeared earlier as: Richard Furuta and P. David Stotts. "The Trellis Hypertext Reference Model." In Judi Moline, Dan Benigni, and Jean Baronas, editors, *Proceedings of the Hypertext Standardization Workshop*, NIST Special Publication 500-178, National Institute of Standards and Technology, Gaithersburg, MD, February 1990, pages 83-93. (Also issued as Technical Report CS-TR-2371.1 and UMIACS-TR-89-126.1, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (December 1989, revised January 1990).]
17. P. D. Stotts and R. Furuta, "Hyperprograms: Concurrent Automata as Information Structures," *Proceedings of the 29th Allerton Conference on Communication, Control, and Computing*, University of Illinois, Urbana-Champaign, October 2-4, 1991.
18. P. David Stotts and Richard Furuta. "Dynamic Adaptation of Hypertext Structure." *Third ACM Conference on Hypertext Proceedings* (December 15-18, 1991, San Antonio, Texas). ACM, New York, 1991, pages 219-231.
19. P. David Stotts and Richard Furuta, "Hypertextual Concurrent Control of a Lisp Kernel." *Journal of Visual Languages and Computing* (Academic Press), Vol. 3, no. 2, 1992, pages 221-236. Also available as TR-92-01, Computer and Information Sciences, University of Florida (January 1992).
20. Richard Furuta, P. David Stotts, and Gregory D. Drew, "Experiences with a Client-Server-based Architecture for a Distributed Structured Hypertext System." In C. Vanoirbeek and G. Coray, editors, *EP92: Proceedings of Electronic Publishing, 1992* (April 8-10, 1992, Lausanne, Switzerland), Cambridge University Press, 1992, pp. 113-125. Also available as Technical Report CS TR 2774 and UMIACS TR 91-136, Department of Computer Science and Institute for Advanced Computer Studies, University of Maryland (October 1991).
21. P. David Stotts, Richard Furuta, and J. Cyrano Ruiz, "Hyperdocuments as Automata: Trace-based Browsing Property Verification." In D. Lucarella, J. Nanard, M. Nanard, and P. Paolini, editors, *Proceedings of the ACM Conference on Hypertext (EHT '92)*, (November 30-December 4, 1992, Milan, Italy), ACM Press 1992, pp. 272-281. Also available as from the UNC Collaboratory, Department of Computer Science, University of North Carolina, Technical Report TR92-038, November 1992.

22. P. David Stotts and Richard Furuta, "Modeling and Prototyping Collaborative Software Processes," UNC Collaboratory, Department of Computer Science, University of North Carolina, Technical Report TR93-020, June 1993. Also issued as Technical Report TAMU-HRL 93-006, Hypermedia Research Laboratory, Department of Computer Science, Texas A&M University, July 1993.
23. P. D. Stotts and R. Furuta, R., "The Trellis Project: Process modeling for CSCW," *Proceedings of the Workshop on CSCW: Petri nets and related formalisms*, Chicago, pp. 1–12, June 22, 1993. Also available as Technical Report TAMU-HRL 93-006, Hypermedia Research Laboratory, Department of Computer Science, Texas A&M University, July 1993.
24. P. David Stotts, Richard Furuta, and J. Cyrano Ruiz, "Access Control and Temporal Verification of Reader/Document Interaction." (Internal report.)

For copies of these papers, or for more information, feel free to contact us:

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