

Gary J. Nutt

PUBLICATIONS

Books

1. Nutt, Gary, *Operating Systems for Single-Threaded Computers*, self-published, (<http://www.cs.colorado.edu/~nutt/WebBooklets/ST-Systems/index.html>), 2008.
2. Nutt, Gary, *Distributed Virtual Machines: Inside the Rotor CLI*, First Edition Addison Wesley, 2005, ISBN 0-321-15983-7.
3. Nutt, Gary, *Operating Systems: A Modern Approach*, Third Edition, Addison Wesley, 2004, ISBN 0-201-77344-9, 928 pages. (Second Edition Lab Update, 2002, ISBN 0-201-74196-2, 704 pages; Second Edition Addison Wesley, 2000, ISBN 0-201-61251-8, 650 pages; First edition, Addison Wesley, 1997, ISBN 0-8053-12951, 650 pages.)
4. Nutt, Gary, *Kernel Projects for Linux*, Addison Wesley, 2001, ISBN 0-201-61243-7, 240 pages.
5. Nutt, Gary, *Operating System Projects Using Windows NT*, Addison Wesley, 1999, ISBN 0-201-47707-6, 250 pages.
6. Nutt, Gary J., *Centralized and Distributed Operating Systems*, Prentice Hall, 1992, ISBN 0-13-122326-7, 418 pages.
7. Nutt, Gary J., *Open Systems*, Prentice Hall, 1992, ISBN 0-13-636234-6, 292 pages.

Book Chapters

1. Nutt, Gary J., "Simulation and Modeling," to appear in *Encyclopedia of Distributed Computing*, Kluwer Academic Publishers, 2001.
2. Nutt, Gary J., "Set-top Boxes," *Encyclopedia of Electrical and Electronics Engineering*, John Wiley and Sons, 1999.
3. Eckert, Zulah K. F. and Gary J. Nutt, "Tracing Nondeterministic Programs on Shared Memory Multiprocessors," *Advanced Computer Performance Modeling and Simulation*, edited by Kallol Bagchi, Jean Walrand, and George Zobrist, Gordon and Breach Science Publishers, Amsterdam, Chapter 5, pp. 93-104, 1998.
4. Rover, Diane T., Allen D. Malony, and Gary J. Nutt, "Summary of Working Group on Integrated Environments Vs. Toolkits", *Debugging and Performance Tuning for Parallel Computing Systems*, edited by Margaret L. Simmons, Ann H. Hayes, Jeffrey S. Brown, and Daniel A. Reed, IEEE Computer Society Press, pages 371-389, 1996.

Journals

1. Nutt, Gary, "Addressing Small Computers in the First OS Course," *Journal on Educational Resources in Computing*, Vol. 6, No. 2, June, 2006, pp. 1-13.
2. Steinke, Robert C. and Gary J. Nutt, "A Unified Theory of Shared Memory Consistency," *Journal of the ACM*, Vol. 51, No. 5, September, 2004, pp 800-849.
3. Brandt, Scott and Gary J. Nutt, "Flexible Soft Real-Time Processing in Middleware," *Real-Time Systems*, Vol. 22, No. 1-2, January-March, 2002, pp. 77-118.
4. Nutt, Gary, Scott Brandt, Adam Griff, Sam Siewert, Marty Humphrey, and Toby Berk, "Dynamically Negotiated Resource Management for Virtual Environment Applications," *IEEE Transactions on Knowledge and Data Engineering*, Vol. 12, No. 1, January/February 2000, pp. 78-95.
5. Nutt, Gary J., "The Evolution Toward Flexible Workflow Systems," *Distributed Systems Engineering*, Volume 3, Number 4, December 1996, pp. 276-294.
6. Demeure, Isabelle M. and Gary J. Nutt, "Prototyping and Simulating Parallel, Distributed Computing," *Journal of Parallel and Distributed Computing*, Vol. 23, No. 1 (October, 1994), pp. 1-9.
7. Beguelin, Adam L. and Gary J. Nutt, "Visual Parallel Programming and Determinacy: A Language Specification, an Analysis Technique, and a Programming Tool," *Journal of Parallel and Distributed Computing*, Vol. 22, No. 2 (August, 1994), pp. 235-250.
8. Nutt, Gary J., "Book Review: Coloured Petri Nets Basic Concepts, Analysis Methods and Practical Use, Volume 1," by Kurt Jensen, Springer-Verlag, 1992 (234 pages). The review appears in *ACM SIGOPS Operating Systems Review*, Vol. 28, No. 1 (January, 1994), pp. 1-2.
9. Nutt, Gary J., "A Simulation System Architecture for Graph Models," *Advances in Petri Nets 90*, Springer-Verlag, 1990, pp. 417-435. Nutt,
10. Gary J., "Cognitive Congruity," *UNIX Review*, Vol. 4, No. 6 (June, 1986), pp. 38-46.
11. Nutt, Gary J., "An Experimental Distributed Modeling System," *ACM Transactions on Office Information Systems*, Vol. 1, No. 2 (April, 1983), pp. 117-142.

12. Nutt, Gary J. and D. L. Bayer, "Performance of CSMA/CD Networks under Combined Voice and Data Loads," *IEEE Transactions on Communications*, Vol. COM-30, No. 1 (January, 1982), pp. 6-11.
13. Nutt, Gary J. and P. A. Ricci, "Quinault: An Office Modeling System," *IEEE Computer*, Vol. 14, No. 5 (May, 1981), pp. 41-57.
14. Ellis, C. A. and G. J. Nutt, "Office Information Systems and Computer Science," *ACM Computing Surveys*, Vol. 12, No. 1 (March, 1980), pp. 27-60.
15. Osterweil, J. and G. J. Nutt, "Modeling Process-Resource Activity," *International Journal of Computer Mathematics*, Vol. 7, No. 1 (1979), Section A, pp. 21-35.
16. Nutt, Gary J., "A Case Study of Simulation as a Computer System Design Tool," *IEEE Computer*, Vol. 11, No. 10 (October, 1978), pp. 31-36.
17. Nutt, Gary J., "A Comparison of PASCAL and FORTRAN as Introductory Programming Languages," *ACM SIGPLAN Notices*, Vol. 13, No. 2 (February, 1978), pp. 57-62.
18. Nutt, Gary J., "A Parallel Processor Operating System Comparison," *IEEE Transactions on Software Engineering*, Vol. SE-3, No. 6 (November, 1977), pp. 467-475.
19. Nutt, Gary J., "Memory and Bus Analysis of an Array Processor," *IEEE Transactions on Computers*, Vol. C-26, No. 6 (June, 1977), pp. 514-521.
20. Nutt, Gary J., W. A. Schulz and K. H. Williamson, "Generating Code for a Hypothetical Computer Using a Production Assembler," *Software -- Practice and Experience*, Vol. 7, No. 1 (January-February, 1977), pp. 147-158.
21. Nutt, Gary J., "Some Resource Allocation Policies in a Multi Associative Processor," *Acta Informatica*, Vol. 6, (1976), pp. 211-225.
22. Nutt, Gary J., "Computer System Resource Requirements of Novice Programming Students," *Software – Practice and Experience*, Vol. 6, No. 1 (January-March, 1976), pp. 43-50.
23. Nutt, Gary J., "Computer System Monitors," *IEEE Computer*, Vol. 8, No. 11 (November, 1975), pp. 51-61.
24. Nutt, Gary J. and J. D. Noe, "Macro E-Nets for Representation of Parallel Systems," *IEEE Transaction on Computers*, Vol. C-22, No. 8 (August, 1973), pp. 718-727.

Conference Papers

1. Lin, Wang-ting and Gary Nutt "[Detecting and Preventing DoS Attacks in Slack Scheduling](#)", 28th IEEE RTSS, WIP, December, 2007
2. Nutt, Gary , "Applying Shared Memory Consistency Models to Collaborative Editing," *ACM SIGGROUP (Group 01) Collaborative Editing Workshop*, position paper abstract, October, 2001.
3. Nutt, Gary, "Group Digital CommonsSpace," NSF RI meeting, poster paper, July, 2001.
4. Steinke, Robert C. and Gary J. Nutt, "A Lattice Based Framework for Distributed Shared Memory Consistency Models," *IEEE International Conference on Distributed Computer Systems*, poster paper, April, 2001.
5. Siewert, Sam and Gary Nutt, "Multi-Epoch Scheduling Within the Real-Time Execution Performance Agent Framework," *21st IEEE Real-Time Systems Symposium (RTSS 2000)*, work-in-Progress, November 2000.
6. Nutt, Gary J., "Windows NT in the OS Curriculum," *3rd Usenix Windows NT Symposium*, poster paper, July, 1999.
7. Siewert, Sam, Gary Nutt, and Elaine Hansen, "The Real-Time Execution Performance Agent: An Approach for Balancing Hard and Soft Real-Time Execution for Space Applications," *International Symposium on Artificial Intelligence, Robotics, and Automation in Space*, June, 1999.
8. Brandt, Scott, Gary Nutt, Toby Berk, and James Mankovich, "A Dynamic Quality of Service Middleware Agent for Mediating Application Resource Usage," *19th IEEE Real-Time Systems Symposium (RTSS '98)*, December 1998, Madrid, Spain.
9. Brandt, Scott, Gary Nutt, and Ken Klingenstein, "A Discrete and Dynamic Approach to Application/Operating System QoS Resource Management," *First Internet 2 Joint Applications/Engineering QoS Workshop (I2QoS '98)*, May, 1998, Santa Clara, CA, pp. 22-25.
10. Brandt, Scott, Gary Nutt, Toby Berk, and Marty Humphrey, "Soft Real-Time Application Execution with Dyanamic Quality of Service Assurance," *Sixth IEEE International Workshop on Quality of Service (IWQoS '98)*, May 1998, Napa, CA, pp. 154-163.
11. Humphrey, Marty, Gary Nutt, Scott Brandt, and Toby Berk, "The DQM Architecture: Middleware for Application-centered QoS Resource Management," *1997 IEEE Workshop on Middleware for Distributed Real-Time Systems and Services*, December 1997, San Francisco, CA, pp. 97-104.

12. Nutt, Gary, Toby Berk, Scott Brandt, Marty Humphrey, and Sam Siewert, "Resource Management for a Virtual Planning Room," *1997 International Workshop on Multimedia Information Systems*, September, 1997, Como, Italy, pp. 129-134.
13. Siewert, Sam, Gary J. Nutt and Marty Humphrey, "Real-Time Parametrically Controlled In-Kernel Pipelines," Work-in-progress paper, *Third IEEE Real-time Technology and Applications Symposium*, June, 1997, Montreal, Canada.
14. Ellis, Clarence A. and Gary J. Nutt, "Multi-Dimensional Workflow," *The Second World Conference on International Design and Process Technology*, Society for Design and Process Science, Austin, Texas, December, 1996.
15. Siewert, Sam and Gary J. Nutt, "A Space System Testbed for Situated Agent Observability and Interaction," *The 5th Intl. Conf. and Exposition on Engineering, Construction, and Operations in Space and The 2nd Conf. and Exposition/Demonstration on Robotics for Challenging Environments*, Aerospace Division of the American Society of Civil Engineers, Albuquerque, New Mexico, June 1996.
16. Ellis, Clarence A. and Gary J. Nutt, "Workflow: The Process Spectrum," *NSF Workshop on Workflow and Process Automation in Information Systems: State-of-the-Art and Future Directions*, Athens, Georgia, pp. 140-145, May, 1996.
17. Blumenthal, Richard and Gary J. Nutt, "Supporting Unstructured Workflow Activities in the Bramble ICN System," *Conference on Organizational Computing Systems*, ACM, August, 1995, Milpitas, CA, pp. 130-137.
18. Nutt, Gary J., "Software Engineering Process Model – A Case Study," *Conference on Organizational Computing Systems*, ACM, August, 1995, Milpitas, CA, pp. 324-335.
19. Nutt, Gary J., Adam J. Griff, James E. Mankovich and Jeffrey D. McWhirter, "Extensible Parallel Program Performance Visualization," *Proceedings of the Third International Workshop on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems (MASCOTS '95)*, January 18-20, 1995, Durham, NC, pp. 205-211.
20. McWhirter, Jeffrey D. and Gary J. Nutt, "Escalante: An Environment for the Rapid Construction of Visual Language Applications," *Proceedings of the 1994 IEEE Symposium on Visual Languages*, October 4-7, 1994, St. Louis, MO, pp. 15-22.
21. Eckert, Zulah K. F. and Gary J. Nutt, "Parallel Program Trace Extrapolation," *1994 International Conference on Parallel Programming*, St. Charles, Illinois, August 15-19, 1994, Volume II, pp. 103-107.
22. Nutt, Gary J., "A Parallel Program Tuning Environment," *1993 International Conference on Parallel Programming*, St. Charles, Illinois, August 16-20, 1993.
23. Ellis, Clarence A. Ellis and Gary J. Nutt, "Modeling and Enactment of Workflow Systems," invited paper, *14th International Conference on Application and Theory of Petri Nets*, Chicago, Illinois, June 21-25, 1993, pp. 1-16.
24. Eckert, Zulah K. F. and Gary J. Nutt, "On the Complexity of Trace Migration for Parallel Programs on Shared Memory Machines," abstract, *3rd ACM/ONR Workshop on Parallel and Distributed Debugging*, May, 1993, pp. 187-189.
25. McWhirter, Jeffrey D. and Gary J. Nutt, "Generation of Visual Language Environments," short paper, *Interchi '93*, Amsterdam, The Netherlands, April 25-29, 1993.
26. Grunwald, D., G. Nutt, A. Sloane, D. Wagner, and B. Zorn, "A Testbed for Studying Parallel Programs and Parallel Execution Architectures," *Proceedings of MASCOTS'93*, San Diego, CA, January, 1993, pp 95-106.
27. Ellis, Clarence A. and Gary J. Nutt, "The Modeling and Analysis of Coordination Systems," *Workshop position paper, ACM 1992 Conference on Computer-Supported Cooperative Work*, November, 1992, Toronto, Canada.
28. McWhirter, Jeffrey D. and Gary J. Nutt, "A Characterization Framework for Visual Languages," *Proceedings of the 1992 IEEE Workshop on Visual Languages*, September, 1992, Seattle, pp. 246-248.
29. Grunwald, Dirk, Gary Nutt, Anthony Sloane, David Wagner, William Waite, and Benjamin Zorn, "Execution Architecture Independent Program Tracing," poster session paper, *Supercomputing '92*, Los Alamos, NM, November, 1991.
30. Beguelin, Adam L. and Gary J. Nutt, "Examples in Phred," *Proceedings of the Fifth SIAM Conference on Parallel Processing for Scientific Computing*, Houston, Texas, March, 1991, pp. 602-608.
31. Demeure, I. M. and Gary J. Nutt, "The VISA Distributed Computation Modeling System," *Proceedings of the Fifth International Conference on Modeling Techniques and Tools for Computer Performance Evaluation*, Turin, Italy, February 13-15, 1991.
32. Nutt, Gary J., "Distributed Simulation Design Alternatives," *Proceedings of the SCS Conference on Distributed Simulation*, San Diego, CA, January 17-19, 1990, pp. 51-55.

33. Demeure, I. M. Demeure, S. L. Smith, and Gary J. Nutt, "Modeling Parallel, Distributed Computations using ParaDiGM -- A Case Study: The Adaptive Global Optimization Algorithm," *Proceedings of the Fourth SIAM Conference on Parallel Processing for Scientific Computing*, ed. by J. Dongarra, P. Messina, D. C. Sorensen, and R. G. Voight, December, 1989, pp. 154-161.
34. Nutt, Gary J., A. Beguelin, I. Demeure, S. Elliott, J. McWhirter, and B. Sanders, "Olympus: An Interactive Simulation System," 1989 Winter Simulation Conference Proceedings, Washington, D. C., December 4-6, 1989, pp. 601-611.
35. Nutt, Gary J., "A Flexible, Distributed Simulation System," *Tenth International Conference on Application and Theory of Petri Nets*, Bonn, West Germany, June, 1989, pp. 210-226.
36. Nutt, Gary J., "Visual Programming Methodology for Parallel Computations," *MCC-University Research Symposium Proceedings*, Austin, Texas, July, 1987.
37. Nutt, Gary J., "Business User Interfaces for UNIX," *Proceedings of Communix '86*, (June, 1986), London, pp. 107-114.
38. Nutt, Gary J., "Information Flow Modeling for Office Automation," *International Symposium on Office Automation*, Stanford University, March, 1980.
39. Nutt, Gary J. and Clarence A. Ellis, "Personal Computers in the Office: An Example," *The Best of the Computer Faires*, Vol. V (March, 1980), pp. 101-107.
40. Ellis, Clarence A. and Gary J. Nutt, "Backtalk: An Office Environment Simulator," *ICC '79 Conference Record*, (June, 1979), pp. 22.3.1-22.3.5.
41. Nutt, Gary J., "Microprocessor Implementation of a Parallel Processor," *Proceedings of the Fourth Annual Computer Architecture Symposium*, (1977), pp. 147-152.
42. Nutt, Gary J., "A Parallel Processor for Evaluation Studies," *AFIPS Proceedings of the NCC*, Vol. 45 (1976), pp. 769-775.
43. Nutt, Gary J., "Some Uses of Simulation in System Design," *Proceedings of the Third Symposium on the Simulation of Computer Systems*, (1975), pp. 221-228.
44. Nutt, Gary J., "An Overview of a Multi Associative Processor System," *Proceedings of the 1974 National ACM Conference*, pp. 101-104.
45. Nutt, Gary J., "The Simulation of Computer Systems in a University Environment," *Proceedings of the Second Symposium on the Simulation of Computer Systems*, (1974), pp. 25-29.
46. Nutt, Gary J., "The Computer System Representation Problem," *Proceedings of the First Symposium on the Simulation of Computer Systems*, (1973), pp. 145-149.
47. Nutt, Gary J., "Evaluation Nets for Computer Systems Performance Analysis," *AFIPS Proceedings of the FJCC*, Vol. 41 (1972), pp. 279-285.
48. Nutt, Gary J. and Jerre D. Noe, "Validation of a Trace-Driven CDC 6400 Simulation," *AFIPS Proceedings of the SJCC*, Vol. 40 (1972), pp. 749-757.

Technical Reports

1. Lin, Wang-ting and Gary Nutt, "Impact of Non-stationary Workload on Resource Reservation Based Slack Reclamation," University of Colorado Department of Computer Science Technical Report No. CU-CS-1053-09, May, 2009, 11 pages.
2. Lin, Wang-ting and Gary Nutt, "Building on the BACKSLASH Algorithm," University of Colorado Department of Computer Science Technical Report No. CU-CS-1022-06, December, 2006, 20 pages.
3. Nutt, Gary, "Revitalizing the Computer Science Curriculum," University of Colorado Department of Computer Science Technical Report No. CU-CS-1020-06, December, 2006, 18 pages.
4. Nutt, Gary, "A Note on Scaling Wireless Sensor Networks," University of Colorado Department of Computer Science Technical Report No. CU-CS-1001-05, December, 2006, 17 pages.
5. Deuster, Tammy, Peter Mattis, and Gary Nutt, "Electronic Digital Media System and Apparatus," provisional patent specification, May, 2000.
6. Nutt, Gary J., "Windows NT in the OS Curriculum," University of Colorado Department of Computer Science Technical Report No. CU-CS-880-99, February, 1999.
7. Brandt, Scott and Gary Nutt, "Performance Metrics for Soft Real-Time Systems," University of Colorado Department of Computer Science Technical Report No. CU-CS-876-98, December, 1998.
8. Nutt, Gary J., "Software for Small, Communicating Computers," University of Colorado Department of Computer Science Technical Report No. CU-CS-835-97, March, 1997.

9. Nutt, Gary J., Joe Antell, Scott Brandt, Chris Gantz, Adam Griff, and Jim Mankovich, "System Support for a Virtual Planning Room," University of Colorado Department of Computer Science Technical Report No. CU-CS-800-95, December, 1995.
10. Nutt, Gary J., "Model-Based Virtual Environments for Collaboration," University of Colorado Department of Computer Science Technical Report No. CU-CS-799-95, December, 1995.
11. Nutt, Gary J., "Software Engineering Process Model Case Study." University of Colorado Department of Computer Science Technical Report No. CU-CS-760-94, July, 1994.
12. Eckert Zulah, K. F. and Gary J. Nutt, "Trace Change Points in Parallel Programs," University of Colorado Department of Computer Science Technical Report No. CU-CS-730-94, July, 1994.
13. Eckert Zulah, K. F. and Gary J. Nutt, "Sequence Comparison for Parallel Executions," University of Colorado Department of Computer Science Technical Report No. CU-CS-726-94, March, 1994.
14. McWhirter, Jeffrey D. and Gary J. Nutt "Experimenting with Visual Parallel Programming Languages," University of Colorado Department of Computer Science, March, 1994.
15. Eckert Zulah, K. F. and Gary J. Nutt, "A Framework for Execution Order Distortion in Shared Memory Multiprocessor Event Traces," University of Colorado Department of Computer Science Technical Report No. CU-CS-708-94, January, 1994.
16. McWhirter, Jeffrey D. and Gary J. Nutt "Escalante: An Environment for the Rapid Construction of Visual Language Applications," University of Colorado Department of Computer Science Technical Report No. CU-CS-692-93, December, 1993.
17. McWhirter, Jeffrey D., Zulah K. F. Eckert, and Gary J. Nutt "Building Visual Language Applications with Escalante," University of Colorado Department of Computer Science Technical Report No. CU-CS-655-93, September, 1993.
18. Nutt, Gary J., "A Parallel Program Tuning Environment," University of Colorado Department of Computer Science Technical Report No. CU-CS-664-92, August, 1993.
19. Nutt, Gary J. "Using Workflow in Contemporary IS Applications," University of Colorado Department of Computer Science Technical Report No. CU-CS-663-92, August, 1993.
20. Nutt, Gary J., "FlowPATH Principles of Operation," Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, July, 1993.
21. Nutt, Gary J., Jacques Bicard-Mandel, Jean Faget, Beatrice Michel, and Marc Powell-Evans, "FlowPATH Planner Functional Requirements," Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, June, 1993.
22. Nutt, Gary J., Jacques Bicard-Mandel, Jean Faget, Beatrice Michel, and Marc Powell-Evans, "FlowPATH Planner Requirements," Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, June, 1993.
23. Nutt, Gary J., "Recommendation for Future Directions of FlowPATH," Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, May, 1993.
24. Nutt, Gary J. and Clarence A. Ellis, "Adding Actors and Roles to the Basic ICN Model,"
25. Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, May, 1993.
26. Nutt, Gary J., "Enhancing Mobile," Bull Worldwide Information Systems, Imaging and Office Solutions, 7 rue Ampère, 91343 Massy Cedex, France, March, 1993.
27. McWhirter, Jeffrey D. and Gary J. Nutt, "A Characterization Framework for Visual Languages," University of Colorado Department of Computer Science Technical Report No. CU-CS-586-92, March, 1992.
28. Nutt, Gary J., "Trace Driven Petri Net Simulation," University of Colorado Department of Computer Science Technical Report No. CU-CS-569-91, December, 1991.
29. Grunwald, Dirk, Gary Nutt, David Wagner, and Benjamin Zorn, "A Parallel Execution Evaluation Testbed," University of Colorado Department of Computer Science Technical Report No. CU-CS-560-91, November, 1991.
30. Grunwald, Dirk, Gary Nutt, Anthony Sloane, David Wagner, William Waite, and Benjamin Zorn, "Execution Architecture Independent Program Tracing," University of Colorado Department of Computer Science Technical Report No. CU-CS-525-91, April, 1991.
31. Nutt, Gary J., "Olympus Application Note: Capacity Planning with PN-Olympus," University of Colorado Department of Computer Science Technical Report No. CU-CS-522-91, March, 1991.
32. Nutt, Gary J., "Collected Papers on Olympus," University of Colorado Department of Computer Science Technical Report No. CU-CS-518-91, February, 1991.

33. Nutt, Gary J., "The Case for Open Systems," University of Colorado Department of Computer Science Technical Report No. CU-CS-515-91, February, 1991.
34. Grunwald, Dirk, Gary Nutt, David Wagner, William Waite, and Benjamin Zorn,
35. "A Testbed for Improving the Performance of Parallel Programs and Systems," University of Colorado Department of Computer Science Technical Report No. CU-CS-512-91, January, 1991.
36. Beguelin, Adam L. and Gary J. Nutt, "Collected Papers on Phred," University of Colorado Department of Computer Science Technical Report No. CU-CS-511-91, January, 1991.
37. Demeure, Isabelle M. and Gary J. Nutt, "Collected Papers on VISA and ParaDiGM," University of Colorado Department of Computer Science Technical Report No. CU-CS-488-90, August, 1990.
38. Nutt, Gary J., "Understanding the ImageLink Platform," Interactive Systems Corporation Technical Report No. ISM-K-06-89, December, 1989 (company confidential).
39. Demeure, Isabelle M. and Gary J. Nutt, "Modeling and Prototyping Parallel Distributed Computations," University of Colorado Department of Computer Science Technical Report No. CU-CS-450-89, October, 1989.
40. Nutt, Gary J., "Open Systems," Upside Technologies Technical Report No. 102-89, May, 1989.
41. Elliott, R. Stephen and Gary J. Nutt, "Remarks on the Cost of Using A Remote Procedure Call Facility," University of Colorado Department of Computer Science Technical Report No. CU-CS-426-89, February, 1989.
42. Demeure, Isabelle M., Sharon L. Smith, and Gary J. Nutt, "Modeling Parallel, Distributed Computations Using ParaDiGM -- A Case Study: The Adaptive Global Optimization Algorithm," University of Colorado Department of Computer Science Technical Report No. CU-CS-419-87, December, 1988.
43. Nutt, Gary J., "Olympus: An Extensible Modeling and Programming System," University of Colorado Department of Computer Science Technical Report No. CU-CS-412-87, October, 1988.
44. Nutt, Gary J., "A Formal Model for Interactive Simulation Systems," University of Colorado Department of Computer Science Technical Report No. CU-CS-410-87, September, 1988.
45. Nutt, Gary J., "Kodak Computational Platforms," Interactive Systems Corp. Technical Report No. ISM-K-04-88, July, 1988 (company confidential).
46. Nutt, Gary J., "Image Storage Technology," Interactive Systems Corp. Technical Report No. ISM-K-03-88, June, 1988 (company confidential).
47. Nutt, Gary J., "Technology Issues for Kodak Products in the 1990s," Interactive Systems Corp. Technical Report No. ISM-K-02-88, June, 1988 (company confidential).
48. Nutt, Gary J., "Compatible Products," Interactive Systems Corp. Technical Report No. ISM-K-01-88, June, 1988 (company confidential).
49. Nutt, Gary J., "Designing Distributed Systems," Upside Technologies Technical Report No. 101-88, May, 1988.
50. Nutt, Gary J., "BM/C³ Architecture Model" Ford Aerospace & Communications report, January, 1988.
51. Nutt, Gary J., A. Beguelin, I. Demeure, S. Elliott, J. McWhirter, and B. Sanders, "Olympus User's Manual, Version 0.5," University of Colorado Department of Computer Science Technical Report No. CU-CS-382-87, December, 1987 (revised June, 1989).
52. Nutt, Gary J., "A Rapid Simulation Modeling System," September, 1987.
53. Demeure, Isabelle M. and Gary J. Nutt, "Modeling Parallel Program Architectures," University of Colorado, Department of Computer Science, September, 1987.
54. Demeure, Isabelle M. and Gary J. Nutt, "Modeling Distributed Computations," University of Colorado Department of Computer Science Technical Report No. CU-CS-371-87, July, 1987.
55. Nutt, Gary J., "Bilogic Precedence Graph Models," University of Colorado Department of Computer Science Technical Report No. CU-CS-363-87, May, 1987.
56. Nutt, Gary J., "Compound Documents and Windows," Interactive Systems Corporation, Applications Product Group, January, 1986.
57. Nutt, Gary J., "Notes on Local Area Networks," NBI Research Department Memo No. SE-11, January, 1982.
58. Nutt, Gary J., "A Network Architecture Recommendation," NBI Research Department Memo No. SE-5, July, 1981, (company confidential).
59. Nutt, Gary J. and Robert F. Rosin, "Business Communication Services for the 1980s", Bell Laboratories, Memo TM Nos. 81-43242-1 and 81-11353, February, 1981, (company confidential).
60. Nutt, Gary J. and Bruce W. Sanders, "An Experimental Internetwork Architecture," Bell Laboratories, Memo No. 43242-810220.01MF, February, 1981, (company confidential).
61. Nutt, Gary J., "Simulating Voice Loads on an Ethernet-like Network," Bell Laboratories, Memo No. 3243-800912.01MF, September, 1980, (company confidential).

62. Nutt, Gary J. and Clarence A. Ellis, "On the Equivalence of Office Models," Xerox PARC, SSL Publication No. SSL-79-8, 1979.
63. Nutt, Gary J., "A Survey of Remote Monitoring," U. S. National Bureau of Standards, Special Publication No. 500-42, January, 1978.
64. Nutt, Gary J., B. W. Sanders and K. S. Smith, "Evaluation During Machine Design: A Case Study," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-125-77, October, 1977.
65. Nutt, Gary J., "Integrating Architecture and Operating Systems," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-104-77, March, 1977.
66. Nutt, Gary J., "Notes on a MAP Microprocessor Implementation," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-102-77, January, 1977.
67. Nutt, Gary J., "Measuring User Programs for a SIMD Processor," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-089-76, April, 1976.
68. Nutt, Gary J., "The Architecture of a Multi Associative Processor," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-070-75, June, 1974 (revised August, 1978).
69. Nutt, Gary J., "Sample Programs for a Hypothetical Computer," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-058-74, October, 1974.
70. Nutt, Gary J., "Evaluation Net Simulation System Reference Manual," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-042-74, April, 1974.
71. Nutt, Gary J. and Clarence A. Ellis, "Preliminary Thoughts on Degrees of Protection in Multiprocessor Systems," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-036-74, January, 1974.
72. Nutt, Gary J., "Some Applications of Finite State Automata Theory to the Deadlock Problem," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-017-73, April, 1973.
73. Nutt, Gary J., "Some Applications of Finite State Automata Theory to the Deadlock Problem," University of Colorado, Department of Computer Science, Technical Report No. CU-CS-017-73, April, 1973.
74. Noe, J. D., and Gary J. Nutt, "Multiprogramming and Multiprocessing System Descriptions," University of Washington, Computer Science Group, Technical Report No. 72-01-08, August, 1972.
75. Noe, J. D., and Gary J. Nutt, "Some Evaluation Net Macro Structures," University of Washington, Computer Science Group, Technical Report No. 72-01-07, August, 1972.
76. Nutt, Gary J., "SIM6000 Program Description and Use," University of Washington, Computer Science Group, Technical Report No. 71-07-05, July, 1971.
77. Nutt, Gary J., "The Boeing Dayfile Analysis Modified for the University of Washington Computer Center," University of Washington, Computer Center Technical Report No. 4, October, 1970.

Newsletter Columns

1. Nutt, Gary, "Introduction to the Shell," *Patricia Seybold's UNIX in the Office*, Vol. 3, No. 6 (June 1988), pp. 21-23.
2. Nutt, Gary, "Network Protocols: Part 2," *Patricia Seybold's UNIX in the Office*, Vol. 3, No. 2 (February 1988), pp. 25-26.
3. Nutt, Gary, "Network Protocols: Part 1," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 12 (December 1987), pp. 20-21.
4. Nutt, Gary, "System V.3 Streams," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 10 (October 1987), pp. 28-29.
5. Nutt, Gary, "Unix Device Support," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 8 (August 1987), pp. 16-17.
6. Nutt, Gary, "Uniting Unix," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 7 (July 1987), pp. 12-13.
7. Nutt, Gary, "Systems Administration Expert Programs," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 4 (April 1987), pp. 21-22.
8. Nutt, Gary, "Administering Unix Systems," *Patricia Seybold's UNIX in the Office*, Vol. 2, No. 3 (March 1987), pp. 18-19.