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Series 1: Subject Files, 1973-2018
This series contains Professor Loui's research correspondence, research and course notes, conference materials, college and department committee minutes, and awards. In addition, it contains material related to his affiliation with the NSF and numerous other professional organizations and academic journals such as the IEEE (Institute of Electrical and Electronics Engineers) and ACM (Association for Computing Machinery). It also contains Professor Loui's notes, pedagogical training materials (including AV), and conference materials related to ethics research and education. It is organized alphabetically.

Box 1
1. Academic Outreach: Adjuncts, 2003
2. Academic Outreach: Adjuncts, 2004
3. AE3 (Academy for Excellence), 2001-2003
4. Active Learning Retreat, 1996-2004
5. Advising, 1992-1996
6. Advising Fair, 1992-2002
7. Advisory Committee, 1 of 2, 1983-85
8. Advisory Committee, 2 of 2, 1983-85
9. Advisory Committee, 1985-86
10. Agora Days, 2010
11. 25th Allerton Conference, 1987
12. 28th Allerton Conference, 1990
13. ASEE (American Society for Engineering Education), 1986-2003
14. ASEE, June 1983
15. Annual Review, 2001-2009
16. ARE (Annual Review of Electronics), 1983
17. AREC (Annual Review of Electronics and Computing), 1989
18. Arch/Civil MArch/MS Structures, 2004
19. ACM (Association for Computing Machinery) Comp Rev mtg., New York, 1988
20. ACM Critical Issues, Arlington, Virginia, 1990
21. Associate Dean Graduate College, 1996-1999
22. Associate Provost, 2006
23. Beame, 1991

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24. Beckman Institute, 1987-1991
25. Ben-Amram, 1995
26. Bioinformatics Institute, 2001
27. Book, 1994
28. Business Ethics, Krannert Center, 1992-1996
29. CHP (Campus Honors Program), 295, 1996-1997
30. Center for Advanced Study, Millercomm, 2003
31. CRHC (Center for Reliable and High-Performance Computing), 2001
32. CRC (Chemical Rubber Company) Press, 1997
33. Chancellor's Allerton Conf., 1986
34. Chancellor's Allerton Conf., Cultural Values, Ethics, 2-3 Mar. 1990
35. Choosing a Thesis Advisor, 1996-2000
36. CEAB (College of Engineering Advisory Board) Meeting, 29 Sept. 1994
37. CTEN (College Teaching Effectiveness Network, 2002-2011
38. CT (College Teaching) Exec. Editors, June 2007
39. Combinatorial Optimization, 1982-1984
40. CIC (Committee on Institutional Cooperation) Academic Leadership Program, 2004
41. Communicating with your Students Workshop, June 1999
42. Computation Theory Seminar, 1984-1985
43. Computational Complexity, 1986-1987
44. Computer Fee Advisory Comm., 1987
45. Computer Engineering, 1985-1986
46. Computer Engineering Area, 1984
47. Computer Networks CS (Computer Science)/EE (Electrical Engineering) 338, 1985-1986
48. CS (Computer Science) 101/110, 1992
49. CS 210, 2002-2006
50. CS 173, 273, 373, 375, Fall 1989
51. CS 2xx, 1992-1995
52. CS/ECE (Electrical and Computer Engineering) 377, 2001-2003
53. CS Curriculum Review, 1995-2001
54. CS Head, 1995-2001
55. Computer Science is an Engineering Discipline, 1986
56. Computing Research Association, Dispute on Publications, 1999
57. CRB (Computing Research Board)/ACMCSC (Association for Computing Machinery Computer Science Conference, Feb. 1990
58. CRB Dept. Chairs, Louisville, 1989
59. Computing Reviews, 1989-2003
60. Computing Reviews Letters, 1992
61. Computing Reviews Letters, 1993
62. Computing Reviews Letter File, 1995
Box 2
1. Co-op (Cooperative Education Program), 1991-1996
2. CSL (Coordinated Science Laboratory), 1996-2005
3. CSL P&P (Policy and Planning) Comm., 1994-1996
4. CGS (Council of Graduate Schools), 1997-1999
5. Cultural Values and Ethics, 1991-1995
6. Cultural Values and Ethics: 93-94 Panel (1 of 2), 1993-1994

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7. Cultural Values and Ethics: 93-94 Panel (2 of 2), 1993-1994
8. CVE (Cultural Values and Ethics) Retreat, March 24, 1994
9. CVE Review Comm., 1993-1994
10. CVE Search Comm., 1996
11. Curriculum and courses, 1984-1990
12. Dean of the Graduate College, 1999-2008
13. Diary – Grad College, 1997-1998
14. Distinguished Teacher/Scholar, 2000-2001
15. Dow Award, 1985-1991
16. EOL (Education and Organizational Leadership), 585 (490 TC), 2002-2007
17. ECE (Electrical and Computer Engineering) 10x, 2001-2004
18. ECE 110: Freshman Course, 1992
19. ECE 291, 1993-1997
20. ECE 299, 1992-1999
21. ECE Head, 2000-2001
22. ECE Retreat/Strategic Plan, 1999
23. EE 290/EE 312 for EE Professors, Summer 1987
24. EE 391, 1987-1988
25. EE 479, 1993-2001
26. EE/CompE Curric., 110/249/290/291, Spring 1994
27. EE-CS Merger/School, 1984-1989
28. Engineering College, 1984-1992
29. Engineering – New Faculty, 1997-1999
30. Engineering Times, 1999
31. Eta Kappa Nu Speech, 1992
32. Ethics - Audio and Visual – 'Henry's Daughters', 2010
33. Ethics - Audio and Visual – 'Incident at Morales', 2003
34. Ethics - Audio and Visual – 'Incident at Morales', 2005
35. Ethics - Audio and Visual – Lectures, 2005-2009
36. Ethics - Audio and Visual – 'Science Ethics Role Play,' 2009

Box 3

1. Ethics - Audio and Visual – 'Using a Role-Play Scenario . . .', 2009
2. Ethics – Authorship, 1998-2002
3. Ethics – Bioengineering, 1991-2003
4. Ethics – Campus Resources, 1998
5. Ethics – in Careers and Professions, 1991-1993
6. Ethics – Center, 1994-1998
7. Ethics – Computers, 1995-1998
8. Ethics – Conflict of Interest, 1998-2006
9. Ethics – Engineering, 1984-1985
10. Ethics – FE (Fundamentals of Engineering) Exam
11. Ethics – Fundraising, 2007-2008
12. Ethics – General Ed Board – ECE 216, 1997-2003
13. Ethics – Internet, 2002
14. Ethics – Mini-Conference (1 of 2), 1997
15. Ethics – Mini-Conference (2 of 2), 1997
16. Ethics – Peer Review, 2001-2007

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    17. Ethics – Order of the Engineer, 2003
    18. Ethics – Plagiarism, 2000-2001
    19. Ethics – Privacy, 2005
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    21. Ethics – Research (1 of 2), 1995-2010
    22. Ethics – Research (2 of 2), 1995-2010
    23. Ethics – SpHS (Speech and Hearing Science), 2002
    24. Ethics – Teaching, 1997-2003
    25. Ethics – Technical Education, 1999-2000
    26. Exam Preparation, 2006-2007
    27. Executive Committee, College of Engineering, 2002
    28. Executive Committee, College of Engineering, 2002
    29. Executive Committee, College of Engineering, 2002-2003
    30. Executive Committee, College of Engineering, 2003-2004
    31. Fast Start, 2003
    32. Food Science and Human Nutrition, 1999-2000
    33. Futures in Science and Technology, 20 July 1993
    34. GE (General Engineering) 211, 2002
    35. Gonzaga, Ethics and Social Responsibility in Engineering Conference, 2001
    36. Gonzaga, Ethics and Social Responsibility in Engineering Conference, 2002
    37. Gödel Prize, 1995-1997
    38. Grading, 2001-2004
    39. Graduate Admissions, 1987-1989
    40. Graduate Programs in Computer Science and Engineering, 1989-1990
    41. GSLIS (Graduate School of Library and Information Science) Dean, 2001
    42. Graduate Seminar on Complexity Theory, 1988-1993
Box 4
    1. Graduate Study Talk, 1997-1999
    2. Head/Dean Positions, 1995-2008
    3. Hewlett-Packard, 2001
    4. History and Social Impact of Computers, 1994
    5. Honors – ECE College, 2004
    6. Honors Program, 1985-2009
    7. IBM/Almaden Join Study, 1988-1989
    8. Illini Union Board, 1998
    9. IUPUI (Indiana University Purdue University Indianapolis), Graduate Program Review, 2001
    10. Information and Computation, 1990-2008
    11. Information Trust Institute, 2004
    12. IEEE (Institute of Electrical and Electronics Engineers) Fellow Nomination, 2006
    13. IEEE Spectrum, March 1999
    14. IEEE Spectrum Roundtable, 1998-2000
    15. ISSOTL (International Society for the Scholarship of Teaching and Learning), 2004
    16. ISTAS (International Symposium on Technology and Science), 2001
    17. ISTAS, 2002
    18. IW-DAG (International Workshop on Distributed Algorithms on Graphs), Ottowa, August 1985
    19. Internet 2, November 2002
    20. Kanellakis, 1995

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21. Loyola University, Graduate Program Review, 1999.
22. Luckman Award Comm., 1994.
23. McMaster University, Program Review, 1994-1995.
24. Mentor Program, 1986-1987.
25. Mentoring – Students, 1999-2006.
26. Michigan State University, Graduate Program Review (1 of 2), 2000-2001.
27. Michigan State University, Graduate Program Review (2 of 2), 2000-2001.
28. Midwest Theory Day, 2001.
29. Min-cut (Minimum cut) Problem, 1983.
30. Minority Affairs, 1993-1996.
31. NTU (Nanyang Technological University) Broadcasts, 1995.
32. NIEE (National Institute for Engineering Ethics), 2001
33. NSF (National Science Foundation), (1 of 2), 1989-1998.
34. NSF (National Science Foundation), (2 of 2), 1989-1998.
35. NSF, CCR (Computer and Computation Research, COV (Committee of Visitor, July 1996.
36. NSF – Ethics Education, 2002-2004.
37. NSF Graduate Fellowships, 1998-2006.
38. New Students' Talk, 1982-2004.
39. NC State, 1992-1994.
40. Online Ethics Center, 1997-2008.
41. Order of the Engineer, 2010.
42. Peer Evaluation of Teaching Committee, 1987-1999.
43. Penn State, April 2001.
Box 5
1. Plagiarism, 1992-2004
2. Principles of Concurrent and Distributed Computation, Manuscript (1 of 2), 1993
3. Principles of Concurrent and Distributed Computation, Manuscript (2 of 2), 1993
4. Professional Correspondence (1 of 2), 1974-1980
5. Professional Correspondence (2 of 2), 1980-1996
6. Professional Ethics Faculty Seminar, 1995-1997
7. Promotions, 1985-1994
8. Provost Search, 2005
9. Publishers, 1988-1993
10. Qualifying Exams, 1981-1983
11. Quals (Qualifying Exams) (1 of 2), 1979-1988
12. Quals, (2 of 2), 1988-2005
13. Quals – CS, 1990-2003
14. Reception, 2000
15. Research Ethics and Academic Integrity, 1992
16. Resumes, 1973-1986, 2018
17. Sabbatical - Spring 1986, 1984-1989
18. Self, 1981-1995
19. Self – Photos, Undated
20. Self – Vitae, Performance Reviews, 1996-2002
21. Selman, 2001-2002
22. Senior Administration Orientation, 1998-1999
23. Snowbird Conference, 1988

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24. SEAC (Society for Ethics Across the Curriculum)/ Teaching Ethics, 2000-2002
25. Software Engineering Institute, 1987-1993
26. Song, 1997
27. SIGACT (Special Interest Group on Algorithms and Computation Theory) Long Range Planning Comm., 1993-2001
28. SIGACT New – Computing Reviews, 1989-1995
29. Springer Verlag, 1990-1991
30. Starting to Teach Walk, 24 Jan 1992, 1988-1992
31. Strategic Directions in Computing Research, Cambridge, Mass. (1 of 2), 1996
32. Strategic Directions in Computing Research, Cambridge, Mass. (2 of 2), 1996
33. SDRC (Strategic Directions in Computational Research), 1996
34. STOC (Symposium on Theory of Computation) – New Orleans, 1991
Box 6
1. Tau Beta Pi/Illinois Alpha Chapter, 1985-1995
2. Teaching Academies, 2002
3. Teaching Assistants Orientation, 1998-2009
4. Teaching Awards, 1982-2006
5. Teacher Certificate: Graduate Master, 1997-2000
6. Teaching Ethics, 1994
7. Teaching – Evaluation, 1982-2005
8. TEAC (Teaching Evaluation and Awards Committee), 1994-1996
9. Teaching Evaluation and Improvement Committee, 1984-1986
10. Teaching – Motivation and Cognition, 1992-1993
11. Teaching Portfolios and Peer Evaluation (1 of 2), 1987-1995
12. Teaching Portfolios and Peer Evaluation (2 of 2), 1994-2009
13. Teaching Retreat. Diversity and Active Learning, 1996
14. Technology and Management Program, 1995-1996
15. Tennessee, Graduate Program Review, 1999
16. Thank you notes from students, 1983-1999
17. Thesis Topics, 1985-2002
18. Undergraduate Policies Committee, 1982-1992
19. Undergraduate Research, 1997
20. Unsolvable/Infeasible Problems, 2002
21. Welch, 1991-1992
22. Women in Engineering, 1994-2003
23. Writing, 1991-2004
24. WWW Ethics Center, 1995
25. Year 2000, 1995-1996

Series 2: Correspondence, 1980-2007
This series contains Professor Loui's professional correspondence with individuals in his fields of research and pedagogy. It is organized alphabetically.
Box 6
26. Boisjoly, 2002
27. Dijkstra, 1985
28. Gillies, 1988-1995
29. Goldsmith, 1989

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30. Harris, 2003
31. Hartmanis, 2001
32. Hwu, 1987-1996
33. Ibarra, 1989
34. Ikenaga, 1995
35. Kennedy, 1993-1994
36. Lawson, 2001
37. Liu, C.L., 1984-1994
38. Merchant, 1998-1999
39. Meyer, 1994-1997
40. Meyer Project, 1980-2001
41. Pippenger, 1988-1995
42. Preparata, 2006
43. Price, 1986
44. Ramarao, KVS, 1988
45. Regalbuto, 1998
46. Shapiro, 1996
47. Sherman, 1984-1992
48. Shor, 1991
49. Sitharam, 1989
50. Sloan, 2007
51. Smith, 1991-2004
52. Snir, 1985-1988
53. Song, 1998
54. Spencer-Smith, 2009
55. Stockmeyer, 2005
56. Styer, 1989
57. Tompa, 1989
58. Twu, Xu, 1993
59. Viswanath, 2007
60. Ward, 1988
61. Weil, 1993-1994
62. Whitbeck (1 of 2), 1994-2002
63. Whitbeck (2 of 2), 1991-1994
64. Willsky, undated
65. Wing, 2002
66. Yap, 1992
67. Zaks, 1983-1987

Series 3: Conferences, Lectures, Talks, 1983-2015
This series contains notes and materials from professional conferences in which Professor Loui participated, as well as his lectures and talks on a variety of topics, from professional development to his research on computational complexity. It is organized alphabetically.
Box 6
68. Active Learning - Cases, 1995
69. Active Learning Retreat, UIUC, 1996-2013
70. ASEE (American Society for Engineering Education) NEE (New Engineering Educators), 1992
71. American Society for Engineering Education Workshop, 1983-1985

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Box 6
72. Annual Review of Computing, 1991
73. APPE (Association for Practical and Professional Ethics), Cincinnati, 2007
74. APPE, 2008
75. APPE, Cincinatti, 2009
76. APPE, San Antonio, 2008

Box 7
1. CASTL (Center for Advanced Study of Teaching and Learning), 2006
2. CRA (Computing Research Association), Snowbird, 1994
3. Computing Research Association, Snowbird, 1996
4. CGS (Council of Graduate Schools), 1998
5. CGS (Council of Graduate Schools), 1999
6. Effective Teaching in CSE Workshop (1 of 2), 1995
7. Effective Teaching in CSE Workshop (2 of 2), 1995
8. ECE Brochures (1 of 2), 1986-1987
9. ECE Brochures (2 of 2), 1987
10. Engineering Ethics for a Globalized World, International Workshop, 2012
11. Engineering Foundation CBAF (Coal, Biomass, and Alternative Fuels), 1999
12. Ethics and Technology, Loyola University, Chicago, 1996
13. FCRC (Federated Computing Research Conference), 2007
14. FIE (Frontiers in Education), 2003
15. FIE, 2004
16. FIE, 2005
17. FIE, Saratoga Springs, 2008
18. IEEE (Institute of Electrical and Electronics Engineers) SSIT (Society on Social Implications of Technology) BOG (Board of Governors), 2005
19. IEEE, SSIT, 2006
20. International Conference on Ethics in Engineering and Computer Science, 1999
21. ISSOTL (International Society for the Scholarship of Teaching and Learning), 2004
22. ISSOTL, 2006
23. ISSOTL, 2009
24. ISTAS (International Symposium on Technology and Science), 2006
25. Lectures, 1992-2004
26. Lectures, 2005-2008
27. Lectures, 2009-2011
28. Lectures, 2012-2013
29. Lectures, 2014-2015
30. Lectures, Undated
31. Midwest Association of Graduate Schools (MAGS), 1998
32. MAGS, 1999-2000
33. Motorola Visit, 1994
34. NAE (National Academy of Engineering), CASEE (Center for the Advancement of Scholarship on Engineering Education), ASA (American Sociological Association (1 of 2), 2005-2006
35. NAE (National Academy of Engineering), CASEE (Center for the Advancement of Scholarship on Engineering Education), ASA (American Sociological Association (2 of 2), 2005-2006
36. NAE Engineering Social Justice, 2008
37. NAE Workshop, 2003

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Box 7
  38. NSF, EESE (Ethics Education in Science and Engineering), PI (Principal Investigators) meeting, 2007
  39. NSF, EESE, PI meeting, 2009
  40. NSF Site Visit: SoConn (Southern Connecticut State University), 1994
  41. NYU (New York University), 1994
  42. NIU (Northern Illinois University), RCR (Responsible conduct for research), 2004
Box 8
  1. Research Integrity, 1998
  2. RCR (Responsible conduct for research) EIT (education, instruction, and training), 2008
  3. Snowbird, 1992
  4. Synthetic Biology and Engineering Ethics Workshop, 2010
  5. University of Kentucky Lecture, 2012
  6. University of Maryland Lecture, 1990
  7. Unsolvable and Infeasible Problems Lecture, Undated
  8. Women in Science and Engineering Symposium, 2000
  9. 2nd WADS (Workshop on Algorithms and Data Structures), 1991

Series 4: Courses, 1980-2011
This series contains a selection of courses developed or taught by Professor Loui about engineering ethics, computational complexity, and early courses about on-line computing and computer networks. It is organized alphabetically, then by course number, and then chronologically.
Box 8
  10. Course Syllabi, 1984-2011
  11. CHP (Campus Honors Program) 295 B, Professional Ethics, Fall 1997
  12. CHP 396 A, Technology, Communication, and Contemporary Society, Spring 2007
  13. ECE (Electrical and Computer Engineering) 199, Exploring Digital Information Technologies, Spring 2003
  14. ECE 216, Engineering Ethics, Spring 1993
  15. EE 290, Introduction to Computer Engineering , Spring 1985
  16. EE 291, On-line Computing (Lectures), Spring 1984
  17. EE 291, Online Computing (Homework and Machine Problems), 1984
Box 9
  1. EE 291, On-Line Computing (Homework and Machine Problems, 1980-1986
  2. EE (Electrical Engineering) 371, Computer Networks and Distributed Systems, Fall 1985
  3. EE 479, Computational Complexity, Fall 1987

Series 5: Publications, 1975-2010
This series contains Professor Loui's journal articles, book chapters, reviews, newsletter articles, and his 1975 Yale undergraduate thesis. It is organized chronologically.
Box 9
  4. M. C. Loui, Weighted derivation trees, *Communications of the ACM*, vol. 19, no. 9, pp. 509–513, September 1976. Second Prize in Forsythe Student Paper Competition, Association for Computing Machinery, 1976

  5. M.C. Loui, Efficient multiplication in semi-simple algebras, Technical Report R-700, Electronic Systems Laboratory, M.I.T., November 1976

  6. M.C. Loui, Minimum register allocation is complete in polynomial space, Technical Memorandum TM- 128, Laboratory for Computer Science, M.I.T., March 1979

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Series 5: Publications, 1975-2010
Box 9

7. M. C. Loui, The space complexity of two pebble games on trees, Technical Memorandum TM-133, Laboratory for Computer Science, M.I.T., May 1979

8. M.C. Loui, A Space Bound for One-Tape multidimensional Turing Machines, Laboratory for Computer Science, MIT, November 1979

9. M. C. Loui, A note on the pebble game, *Information Processing Letters*, vol. 11, no. 1, pp. 24–26, 29 August 1980.

10. M.C. Loui, Simulations among Multidimensional Turing Machines, Laboratory for Computer Science, MIT, August 1980

11. L.M. Adleman and M. C. Loui, Space-bounded simulation of multi-tape Turing machines, *Mathematical Systems Theory*, vol. 14, no. 3, pp. 215–222, July 1981.

12. M.C. Loui, A space bound for one-tape multidimensional Turing machines*, Theoretical Computer Science*, vol. 15, no. 3, pp. 311–320, September 1981.

13. M. C. Loui, Simulations among multidimensional Turing machines, *Theoretical Computer Science*, vol. 21, no. 2, pp. 145–161, November 1982

14. M. C. Loui, Optimal dynamic embedding of trees into arrays, *SIAM Journal on Computing*, vol. 12, no. 3, pp. 463–472, August 1983.

15. M. C. Loui, The complexity of sorting on distributed systems*, Information and Control*, vol. 60, no. 1, pp. 70–85, January 1984.

16. M. C. Loui, Minimizing access pointers into trees and arrays*, Journal of Computer and System Sciences*, vol. 28, no. 3, pp. 359–378, June 1984.

17. E. L. Lloyd and M. C. Loui, On the worst case performance of buddy systems, *Acta Informatica*, vol. 22, no. 4, pp. 451–473, October 1985.

18. J. Y. Halpern, M. C. Loui, A. R. Meyer, and D. Weise, On time versus space III, *Mathematical Systems Theory*, vol. 19, no. 1, pp. 13–28, 1986.

19. Michael C. Luoi, Teresa A. Matsushita and Douglas B. West: Election in a Complete Network with a Sense of Direction, Information Processing Letters, vol. 22, no. 4 (April 1986): 185-187

20. Michael C. Loui, Computer Science is an Engineering Discipline, Engineering Education, 1987

21. M. C. Loui and H. H. Abu-Amara, Memory requirements for agreement among unreliable asynchronous processes, *Advances in Computing Research*, ed. F. P. Preparata, vol. 4, pp. 163–183, JAI Press, Greenwich, Conn., 1987.

22. A.M. Schwartz and M. C. Loui, Dictionary machines on cube-class networks, *IEEE Transactions on Computers*, vol. C-36, no. 1, pp. 100–105, January 1987.

23. P. A. Peterson and M. C. Loui, The general maximum matching algorithm of Micali and Vazirani, *Algorithmica*, vol. 3, no. 4, pp. 511–533, 1988.

24. Michael C. Luoi, Teresa A. Matsushita and Douglas B. West, Corrigendum: Election in a Complete Network with a Sense of Direction, Information Processing Letters, vol. 22, no. 4 (August 1988): 185-187

25. A.S. Hodel and M. C. Loui, Optimal dynamic embedding of X-trees into arrays, *Theoretical Computer Science*, vol. 59, no. 3, pp. 259–276, August 1988.

26. M. C. Loui, The case for assembly language programming, *IEEE Transactions on Education*, vol. 31, no. 3, pp. 160–164, August 1988

27. Jerry L. Trahan, Vijaya Ramachandran, Michael C. Loui, The Power of Parallel Random Access Machines with Augmented Instruction Sets, Proceedings, Structure in Complexity Theory: Fourth Annual Conference, June 1989

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Series 5: Publications, 1975-2010
Box 9

28. M. M. Wu and M. C. Loui, An efficient distributed algorithm for maximum matching in general graphs, *Algorithmica*, vol. 5, no. 3, pp. 383–406, 1990.
29. M. C. Loui and M. A. Sohoni, An algorithm for load balancing in multiprocessor systems, *Information Processing Letters*, vol. 35, no. 5, pp. 223–228, 28 August 1990.
30. Jerry L. Trahan, Michael C. Loui, Vijaya Ramachandran. Multiplication, division, and shift instructions in parallel random access machine, *Theoretical Computer Science* 100 (1992): 1-44
31. M. C. Loui and D. R. Luginbuhl, The complexity of on-line simulations between multidimensional Turing machines and random access machines, *Mathematical Systems Theory*, vol. 25, no. 4, pp. 293–308, 1992.
32. Michael C. Loui, My Year at NSF, ASEE Prism, June 1992
33. M. C. Loui and D. R. Luginbuhl, Optimal on-line simulations of tree machines by random access machines, *SIAM Journal on Computing*, vol. 21, no. 5, pp. 959–971, October 1992.
34. M. M. Wu and M. C. Loui, Modeling robust asynchronous communication protocols with finite-state machines, *IEEE Transactions on Communications*, vol. 41, no. 3, pp. 492–500, March 1993.
35. D. R. Luginbuhl and M. C. Loui, Hierarchies and space measures for pointer machines, *Information and Computation*, vol. 104, no. 2, pp. 253–270, June 1993.
36. J. L. Trahan, V. Ramachandran, and M. C. Loui, Parallel random access machines with both multiplication and shifts*, Information and Computation*, vol. 110, no. 1, pp. 96–118, April 1994.
37. R. B. Uribe, L. Haken, and M. C. Loui, A design laboratory in electrical and computer engineering for freshmen, *IEEE Transactions on Education*, vol. 37, no. 2, pp. 194–202, May 1994.
38. M. C. Loui, Computer engineering at the University of Illinois at Urbana-Champaign*, IEEE Transactions on Education*, vol. 37, no. 3, pp. 322–327, August 1994.
39. M. C. Loui, Computer science is an engineering discipline, *Engineering Education*, vol. 78, no. 3, pp. 175–178, December 1987.
40. E. Doss and M. C. Loui, Ethics and the privacy of electronic mail, *The Information Society*, vol. 11, no. 3, pp. 223–235, July 1995.
41. M.C. Loui, Computational Complexity Theory, Computing Surveys, vol. 28, no. 1, pp.47-49, March 1996
42. Michael C. Loui et al, Strategic Directions in Research in Theory of Computing, *ACM Computing Surveys*, vol 28, no. 4, December 1996
43. M.C. Loui, Practicing and Teaching Ethics, Special Section of *Science and Engineering Ethics*, vol. 3, no. 4, 1997
44. M. C. Loui, Complexity theory, in *The Computer Science and Engineering Handbook*, ed. A. B. Tucker, pp. 250–276, CRC Press, Boca Raton, Fla., 1997
45. W. Bakker and M. C. Loui, Can designing and selling low-quality products be ethical*? Science and Engineering Ethics*, vol. 3, no. 2, pp. 153–170, April 1997
46. M. C. Loui, Commentary on "Better communication between engineers and managers: some ways to prevent many ethically hard choices" (Davis), *Science and Engineering Ethics*, vol. 3, no. 2, pp. 215–216, April 1997
47. C. Glagola, M. Kam, M. C. Loui, and C. Whitbeck, Teaching ethics in engineering and computer science: a panel discussion, *Science and Engineering Ethics*, vol. 3, no. 4, pp. 463–480, October 1997
48. Michael C. Loui, What do We Teach When We Teach? Ethical Values in the Classroom, *The Interface*, no. 3 (November 1997)
49. D. Lin and M. C. Loui, Taking the byte out of cookies: privacy, consent, and the Web, *Computers and Society*, vol. 28, no. 2, pp. 39–51, June 1998.

Box List: **[Michael C. Loui Papers, 1973-2018]**
               [Engineering], UIUC
ID: **[11/6/39]**

Series 5: Publications, 1975-2010
Box 9

50. M. C. Loui, The engineer's responsibility for quality, *Science and Engineering Ethics*, vol. 4, no. 3, pp. 347–350, July 1998. Reprinted in *Chemtech*, vol. 29, no. 1, pp. 7–8, January 1999.
51. M. C. Loui, Fieldwork and cooperative learning in professional ethics, *Teaching Philosophy*, vol. 23, no. 2, pp. 139–156, June 2000.
52. B. Das and M. C. Loui, Reconstructing a minimum spanning tree after deletion of any node, *Algorithmica*, vol. 31, no. 4, pp. 530–547, 2001.
53. M. C. Loui, Commentary on "The greening of engineers: a cross-cultural experience" (Ansari), *Science and Engineering Ethics*, vol. 7, no. 1, pp. 125–127, January 2001.
54. M. C. Loui, Seven ways to plagiarize: handling real allegations of research misconduct, *Science and Engineering Ethics*, vol. 8, no. 4, pp. 529–539, October 2002.
55. M. C. Loui, Educational technologies and the teaching of ethics in science and engineering, *Science and Engineering Ethics*, vol. 11, no. 3, pp. 435–446, July 2005.
56. M. C. Loui, Ethics and the development of professional identities of engineering students, *Journal of Engineering Education*, vol. 94, no. 4, pp. 383–390, October 2005.
57. M. C. Loui, Assessment of an engineering ethics video: *Incident at Morales*, *Journal of Engineering Education*, vol. 95, no. 1, pp. 85–91, January 2006.
58. M. C. Loui, Commentary on "An analytical hierarchy process model to apportion co-author responsibility" (Sheskin), *Science and Engineering Ethics*, vol. 12, no. 3, pp. 567–570, July 2006.
59. G. Hashemian and M. C. Loui, Can instruction in engineering ethics change students' feelings about professional responsibility? *Science and Engineering Ethics*, vol. 16, no. 1, pp. 201–215, March 2010.
60. B. J. Brummel, C. K. Gunsalus, K. L. Anderson, and M. C. Loui, Development of role-play scenarios for teaching responsible conduct of research. *Science and Engineering Ethics*, vol. 16, no. 3, pp. 573– 589, September 2010.
61. Reviews, Theses, Newsletters, 1975-2002

Processing Notes:
Secondary literature, receipts, sensitive data, and duplicates were weeded. Added folder titles are indicated by [ ]. Processed by Peter Wright, under the supervision of Susanne Belovari, December 2018.