DAVID C. WALDEN *C.V.*

Note: Items are in reverse chronological order within categories. Generally speaking, the activities were on computer technology topics before 1990, on management topics from 1990 forward, on computer history topics starting in 2002, and on typography topics from 2003 forward.

Order of sections below:

Work Experience; Pro Bono Professional and "Technical" Society Activities and Awards; Volunteer and hobby association positions; College education; Publications; Specific editing for *IEEE Annals of the History of* Computing; Interviews for the *IEEE Annals of the History of Computing*; Interviews for the IEEE Computer Society History Committee project of Leaders Oral Histories; Interviews for tug.org/interviews; Full length interviews of me; Presentations, Lectures, and Seminars; Network Working Group Requests for Comments; Sponsored reports; Network Working Group Requests for Comments; INWG note; Published reviews; Miscellaneous "appearances"; Books I have published or collaborated in publishing.

Work experience:

Center for the Quality of Management, Cambridge, Massachusetts
    Executive Director (1997-1998)
    Director of Research and Development (1995-1997)
Arthur D. Little School of Management faculty, summers of 1997-1998
MIT Sloan School of Management, Senior Lecturer, 1996-1999
Bolt Beranek and Newman Inc. (BBN), Cambridge, Massachusetts (1967-1970, 1971-1995)
    Positions with the BBN parent company
        Senior Vice President (1982-1995)
        Executive Vice President and General Manager of BBN Communications Division (1992-1994)
        Corporate Quality Officer (1990-1992)
        General Manager, Professional Services Group (1982-1983)
        Divisional Vice President (1979-1980)
        Assistant Division Director (1975-1980)
        Senior Computer Scientist (1971-1975)
        Computer Scientist (1967-1970)
    Positions with BBN subsidiaries
        BBN Systems and Technologies Corporation
            President and Member of Board of Directors (1983-1990)
            Treasurer (1983-1988)
        BBN Architectural Acoustics and Environmental Technologies Inc.
            Chairman and Member of Board of Directors (1988-1991)
        BBN Communications Corporation
            Member of Board of Directors (1979-1990)
            Executive Vice President and Chief Operating Officer (1981-1982)
        BBN Delta Graphics Incorporated
            General Manager and Member of Board of Directors (1987-1988)
        BBN Manufacturing Corporation
            Member of Board of Directors (1987-1988)
        BBN Laboratories Limited (U.K.)
            Member of Board of Directors (1987-1988)
        BBN Advanced Computers Incorporated
            Member of Board of Directors (1986-1988)
        BBN Software Products Corporation

Member of Board of Directors (1984-1988)
   BBN Computer Corporation Ltd. (Hong Kong)
      Member of Board of Directors (1980-1988)
   BBN Information Management Corporation
      Member of Board of Directors (1980-1982)
      President (1980-1981)
Harvard University, Lecturer in Computer Science, 1975-1976.
A/S Norsk Data Elektronikk, Oslo, Norway
   Special Systems Consultant (1970-1971)
Massachusetts Institute of Technology Lincoln Laboratory
   Staff Assistant/Computer Programmer (1964-1967)

Pro Bono Professional and "Technical" Society Activities and Awards:

IEEE Computer Society Outstanding Contribution Award: "In recognition of outstanding service to the success of the magazine IEEE Annals of the History of Computing, and in particular for his leadership as Acting Editor-in-Chief," June 2015.

Program committee, TeX Users Group 2014 Annual Conference, Portland, OR, July 28-30, 2014; moderator of the roundtable discussion on the topic of "TeX and the Wider Wilder World."

Honorary Doctor of Science degree awarded at the San Francisco State University undergraduate graduation ceremony in May 2014.

Member of the IEEE Computer Society's "Golden Core," December 13, 2013.

IEEE Computer Society Meritorious Service Award, October 10, 2013, "In recognition of outstanding contributions to the *Annals of the History of Computing*."

Moderator of the roundtable discussion on TeX consulting from the 2012 TeX Users Group annual conference, transcript in TUGboat, vol. 33 no. 2, 2012, pp. 138-145.

Program committee, TeX Users Group 2012 Annual Conference, Boston, MA, July 16-18, 2012.

Chair, IEEE Computer Society History Committee, 2011-2012 (Computer Society Certificate of Appreciation in recognition of outstanding service, November 14, 2011).

Moderator of panel discussion at TUG 2010 conference, June 28-30, 2010, San Francisco: video at http://river-valley.tv/tug-2010-panel/; transcript in *TUGboat*, vol. 32 no. 2, pp. 125-137.

Honored as a Living Legend (as a member of BBN's ARPANET team) at the Boston History & Innovation Collaborative's Champions of Innovation induction, June 4, 2007, Cambridge, MA.

Moderator of panel discussion at PracTeX 2006, July 30-August 1, 2006, Rutgers University, NJ: video at http://river-valley.tv/practex-2006-panel/.

Editorial Board, *IEEE Annals of the History of Computing*, 2006-present; Anecdotes editor, 2008-2012; Interviews editor, 2011-2013; Anecdotes editor again after a gap of a few issues, 2013-present; acting editor-in-chief, June-December 2014.

TeX Users Group: Board of Directors, 2005-present; "Interview Corner" (tug.org/interviews) coordinator, 2004-present; Treasurer 2005-2011.

The PracTeX Journal (tug.org/pracjourn): Editorial Board, 2004-2006; Travels in TeX Land columnist 2005-2010; website developer and maintainer, 2004-2007; back up website maintainer, 2008-present..

Member, IEEE Internet Award Committee, 1999-2002 (founding chairman, 1999-2001). During this period the IEEE Internet Award went to: 1) Baran, Davies, Kleinrock, and Roberts (whose nomination I managed), 2) Pouzin, 3) S. Crocker, and 4) Mockopetris. Once off the committee, I participated significantly in the preparation of the successful nomination of Tomlinson (for his original demonstration of networked email) and endorsed the nomination (successful) Travers, Hinden, and Brecia (for their development of early Internet routers).

On November 13, 2001, the Boston History Collaborative presented one of its 2001 Boston History Makers Awards to Genuity (the Internet service spinout from BBN for its role in the ARPAnet/Internet), and I was one of the five representatives present from BBN early Internet days.

Member of the small team of half a dozen engineers who did the work for which BBN Technologies was given the 1999 IEEE Corporate Innovation Recognition award "For pioneering contributions to computer networking technology through the development of the first packet switches, the

ARPANET Interface Message Processor (IMP) and Terminal Interface Message Processor (TIP)"; led the nomination process.

Inaugurated into the San Francisco State University Alumni Hall of Fame, 1998.

Center for Quality Management (CQM), Cambridge, Mass.: Chairman of the Editorial Board and Editor-in-Chief of *The Center for Quality of Management Journal* (1992-2003); Operating Committee (1990-1992); Operating Committee Chair (1991); Research, Library, and Documentation Committee Chair (1990-1992). Awarded the CQM's Outstanding Service Award in 1992 (later renamed the Ray Stata Outstanding Service Award) and named a CQM Counselor in 1999.

Member of thesis committee for Dr. Gary Burchill, who completed his Ph.D. at the MIT Sloan School in 1993.

Session Chairman, "Digital Video and Imaging," Symposium on Gigabit Networks, Washington, D.C., July 15-17, 1991.

Guest Editor (with Alexander McKenzie), *Telecommunications Magazine* special issue on "The Future of Telecommunications," September 1986.

U.S. Air Force Scientific Advisory Board: Member, 1973-1980. As a member of this board, participated in studies and provided guidance to the Air Force in such areas as radar emitter location and recognition, multi-level security, management of major software acquisitions, and the upgrade of the F-111 avionics system. Also served as a member of the Air Force Electronic Systems Division's Division Advisory Group, 1975-1980. Receive the Air Force Meritorious Civilian Service Award for my work with the Air Force Scientific Advisory Board.

Editor, *IJA Newsletter* (International Jugglers Association), 1976-1978, `http://walden-family.com/juggling`

Editorial Board, *Computer Networks — The International Journal of Distributed Informatique*, 1975-1976.

Editor, ACM SIGCOMM *Computer Communications Review*, 1975-1976. Changed this journal from an irregular publication with spotty technical content to the regular, highly regarding journal it remains today.

Session Chairman, "Advances in Packet Switching" Session, 1975 National Computer Conference and Exposition, Anaheim, California, May 1975.

Editor, *Proceedings of the ACM SIGCOMM-SIGOPS Interface Workshop on Interprocess Communications*, March 24-25, 1975.

U.S. Correspondent, *Computer Communications* magazine, 1978-1979.

Session Chairman, Datacomm/Database Software Architectures Session, Data Communications INTERFACE '78, Las Vegas, Nevada, March 6-9, 1978.

Member, Association for Computing Machinery (1964-2006, 2011-2013), IEEE (life member).

Have refereed or provided peer reviews of papers on numerous occasions for various journals and conferences; a list of the published reviews is included in this CV. Also have written several successful nominations for significant awards to people in the field of computing.

Volunteer and hobby association positions (increasingly relevant since retirement from business)

Town of Sandwich (MA), Communications Technology Advisory Committee (2007).

Schoolhouse Condominium Association, Boston, MA: board member, treasurer, and bookkeeper (1997-2001); bookkeeper (2001-2004); board member (2014-present).

Torrey Beach Community Association, East Sandwich, MA: bookkeeper (2002-2004), website maintainer (2010-present).

280 Beacon Street Condominium Association, Boston, MA: treasurer (1991-1994).

International Jugglers Association, Newsletter editor (1973-1975): http://walden-family.com/juggling/

College education:

MIT, 1966-1968, part-time graduate study in computer science; finished course work for M.S. in computer science; did not finish the computer program that was part of the thesis (got caught up in writing BBN's ARPANET proposal which transitioned into implementation of the ARPANET packet switches).

San Francisco State College, 1962-1964, B.A. in mathematics.

Diablo Valley College, Concord California, 1961-1962 (civil engineering student).
University of California at Berkeley, 1960-1961 (architecture student).

Publications (or pending publications):[1]

"ARPANET 50th Anniversary Marked at 2019 AAAS Annual Meeting," *IEEE Annals of the History of Computing*, Events and Sightings column, vol. 41, no. 2, 2019, pp. 61-63.

"Cary Collection," *TUGboat*, volume 29, number 3, pp. 169-170.

"TeX: A branch in desktop publishing evolution, Part 2," *IEEE Annals of the History of Computing*, volume 41, number 2, 2019, pp. 29-41.

"TeX: A branch in desktop publishing evolution, Part 1," *IEEE Annals of the History of Computing*, volume 40, number 3, 2018, pp. 78-93.

"More about ATEX," editor's note, *IEEE Annals of the History of Computing*, volume 40, number 3, 2018, pp. 32-36.

"ARPANET," *The SAGE Encyclopedia of the Internet*, 2018, pp. 27-34.

"Type designer Nina Stössinger speaks at 3rd Annual Updike Prize event," *TUGboat*, volume 29, number 1, p. 19.

"50-year Anniversaries in Norwegian computing history," *IEEE Annals of the History of Computing,* volume 39, number 4, 2017, pp. 93-94.

"Set my (pdf)pages free," *TUGboat*, volume 38, number 3, p. 345.

"Collecting memories from the beginnings of desktop publishing," *TUGboat*, volume 38, number 3, p. 293.

"Desktop Publishing Pioneer Meeting at Computer History Museum," *IEEE Annals of the History of Computing*, Events and Sightings column, vol. 39 no. 3, 2017, pp. 65-66.

"Messing with endnotes," *TUGboat*, volume 37, number 3, 2016, p. 257.

"An informal look into the history of digital typography," *TUGboat*, vol. 37, no. 2, 2016, pp. 152-153 (see also tug.org/tug2016/walden-digital.pdf).

"Note on the publisher of the Bodoni book, David R. Godine," *TUGboat*, volume 37, number 1, 2016, pp. 97-98.

"Every LaTeX document brings new programming issues, *TUGboat*, volume 35, number 3, 2014, pp. 261-268.

"Leo Beranek: Technology, Business, and Civic Visionary *Acoustics Today*, Fall 2014 issue, pp. 59-64.

"From the Editor's Desk," *IEEE Annals of the History of Computing*, volume 36, number 3, July-September 2014, p. 2.

"The ARPANET IMP Program: Retrospective and Resurrection," *IEEE Annals of the History of Computing,* volume 36, number 2, April-June 2014, pp. 28-39.

"Macro Memories, 1964-2013, *TUGboat*, volume 35, number 1, 2014, pp. 99-110.

Article on LORAN, Whirlwind, and SAGE July 2012 IEEE Milestone ceremony, *IEEE Life Members Newsletter*, issue 90, November 2012, p. 7.

"My Boston: Some publishing and printing history", *TUGboat*, vol. 33 no. 2, 2012, pp. 146-155.

"IEEE Computer Society History Activities," *IEEE Life Members Newsletter*, June 2012, pp. 5-6.

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[1] After writing a column for *The PracTeX Journal* from 2005 to 2010, I resigned my columnist position with the plan to occasionally continue such columns on my own website: http://www.walden-family.com/public/texland/

"IEEE Packet-Speech Milestone Celebrated at MIT Lincoln Laboratory," *IEEE Annals of the History of Computing*, April-June 2012, Events & Sightings column, pp. 67-69.

"MIT 150th Anniversary and MIT Museum's Presentation on Project Whirlwind," *IEEE Annals of the History of Computing*, April-June 2012, Events & Sightings column, pp. 60-63.

Short Donald Knuth biography and brief annotated bibliography, ACM Turing Award winners website, 2012: http://amturing.acm.org/award_winners/knuth_1013846.cfm

"IEEE Packet Speech Milestone Celebrated at MIT Lincoln Laboratory," *IEEE History Center Newsletter*, issue 88, March 2012, page 7: http://walden-family.com/ieee/2012-03-walden-packet-switching-milestone.pdf

"Remembering the IJA Newsletter circa 1976-78," *IJA eZine*, January 17, 2012, http://ezine.juggle.org/2012/01/17/remembering-the-ija-newsletter-circa-1976-78/

A Culture of Innovation: Insider Accounts of Computing and Life at BBN (publisher, co-editor with Raymond Nickerson, and contributor with 16 others), Waterside Publishing, December 2011: Chapter 4, Early Years of Basic Computer and Software Engineering (compiler); Chapter 5, The Way We Were: Aspects of the Culture of BBN (author); Chapter 16, Artificial Intelligence (AI) at BBN (compiler); Chapter 17, Data Networking @ BBN (written with Steven Blumenthal, Alexander McKenzie, and Craig Partridge); Chapter 19, Networked E-mail (compiler); Chapter 20, SIMNET: A Revolution in Distributed Team Training (compiler); Chapter 21, Later Years of Basic Computer and Software Engineering (compiler); Chapter 22, Epilog (author).

"Editor's Note," *Annals of the History of Computing*, Anecdotes Department, vol. 33, no. 4, p. 56.

"50th Anniversary of MIT's Compatible Time-Sharing System," *Annals of the History of Computing*, Events and Sightings column, vol. 33, no. 4, pp.84-85.

"Fiftieth Anniversary of MIT's Compatible Time-Sharing System," *Computer,* November 2011, p. 71.

"Computer Society History Activities, *Computer*," November 2011, p. 72 (author not listed).

"An appreciation: Knuth's The Art of Computer Programming," Volume 4A, *TUGboat*, vol. 32, no. 2, 2011, pp. 230-232.

"Experiences with notes, references, and bibliographies," *TUGboat*, vol. 32, no. 2, 2011, pp. 213-216.

The Compatible Time Sharing System (1961-1973): Fiftieth Anniversary Commemorative Overview (edited with Tom Van Vleck), IEEE Computer Society, June 2011, http://www.computer.org/portal/web/volunteercenter/history

Five perspectives on interviewing: A roundtable discussion (with Matthias Bärwolff, Andrew Russell, Andreu Veà, and Jeffrey Yost, IEEE Computer Society, May 2011, http://www.computer.org/portal/web/volunteercenter/history

"TUGboat online" (with Karl Berry); *TUGboat*, vol. 32 no. 1, 2011, pp.23-26.

"TUGboat's 100 issues—Basic statistics and random gleanings" (with Karl Berry); *TUGboat*, vol. 32 no. 1, 2011, pp. 17-22.

"Users Group Celebrates Major Anniversary of TeX" (June 28-30, 2010), *IEEE Annals of the History of Computing*, Events and Sightings column,, vol. 33, no. 1, January-March 2011, pp. 78-79.

"WiWiW Project Internet Pioneers Meeting" (April 19, 2010), *IEEE Annals of the History of Computing*, vol. 32, no. 4, 2010, pp. 90-91.

"TUG 2010 Conference Report," *TUGboat*, vol. 31, no. 2, 2010, pp. 117-120.

"The TeX 2^5 Anniversary book project" (with Karl Berry), posted on Travels in TeX Land website, July 22, 2007: http://www.walden-family.com/public/texland/10paper.pdf

TeX's 2^5 Anniversary: A Commemorative Collection (edited with Karl Berry), TeX Users Group, Portland, OR, 2010.

"TUG Financial Statements for 2009," *TUGboat*, vol. 30, no. 1, 2010, p. 109-110.

"Travels in TeX Land: memoir, TtH, and a booklet signature," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2010-1, http://tug.org/pracjourn/2010-1/walden/.

"The TeX Users Group holds its 30th annual conference," *IEEE Annals of the History of Computing*, Events and Sightings column, vol. 32, no. 1, January 2010 pp. 80-81.

"Breakthrough for Quality Organizations," (with Shoji Shiba), *e-Newsletter*, Middle East Quality Association, January, 2010, Issue No. 3, http://www.meqa.org/mag/q4q/vol1_issue3/breakthrough_management.html and http://www.meqa.org/mag/q4q/vol1_issue3/pdfs/breakthrough_management.pdf.

"Self-publishing: Experiences and Opinions," *TUGboat* Issue 30:2, 2009, pp. 203-208.

"TeX People: The TUG interviews project and book" (with Karl Berry), *TUGboat* Issue 30:2, 2009, pp. 196-202.

TeX People: Interviews from the World of TeX, (edited with Karl Berry), TeX Users Group, Portland, OR, 2009; reviewed in the 2009-4 bulletin of Československé sdružení uživatelů TeXu (the TeX users group of the Czech Republic), pp. 184-190.

"Profile of Eitan Gurari (1947-2009)" (compiled based on documents and memories of others), *TUGboat* Issue 30:2, 2009, pp. 159-162.

"TUG Financial Statements for 2008," *TUGboat*, vol. 30, no. 1, 2009, p. 149-150.

Visionary Leaders for Manufacturing — A Learning Community History, Confederation of Indian Industry, Delhi, India, 2009.

"Travels in TeX Land: Consolidation of writings on thought breaks," (an on-line publication of the TeX Users Group), Issue 2008-4, `http://www.tug.org/pracjourn/2008-4/walden`.

"Travels in TeX Land: A sidebar for a book," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2008-3, `http://www.tug.org/pracjourn/2008-3/walden`.

"Notes on Self-publishing," *MAPS* (the journal of the Nederlandstalige TeX Gebruikersgroep), *Voorjaar* 2008, nummer 36, pp. 53-64; a later version is posted at `http://www.walden-family.com/public/notes-on-self-publishing.pdf`.

"Travels in TeX Land: A bigger experiment with ConTeXt," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2008-2, `http://www.tug.org/pracjourn/2008-2/walden`.

"Travels in TeX Land: Another ornament for 'thought breaks'," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2008-1, `http://www.tug.org/pracjourn/2008-1/walden`.

"Norsk Data: 40th Anniversary Celebrations," *IEEE Annals of the History of Computing*, volume 30 number 1, January-March 2008, Events and Sightings column, pp. 83-84.

"Looking Back at the ARPANET Effort Decades Later, " Forward to part 3 of *The ARPANET Sourcebook: The Unpublished Foundations of the Internet*, edited by Peter Salus, Peer-to-Peer Communications LLC, 2008.

"Financial statements for 2007," *TUGboat*, Issue 29:2, 2008, http://www.tug.org/TUGboat/Articles/tb29-2/tb92treas.pdf.

"Travels in TeX Land: Benefits of Thinking a Little Bit Like a Programmer," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2007-4, `http://www.tug.org/pracjourn/2007-4/walden`.

"Travels in TeX Land: Fonts, self-publishing and another reason I like TeX," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2007-3, `http://www.tug.org/pracjourn/2007-3/walden`.

"Travels in TEX Land: Trying ConTeXt" *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2007-2, `http://www.tug.org/pracjourn/2007-2/walden`.

Contributed section 6 on "Web site generation and updating" to "PracTeX Journal: Making an Electronic Journal with web tools, Wiki, and version control" by Paul Blaga, *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2007-2, `http://www.tug.org/pracjourn/2007-2/blaga`, pp. 8-9.

"Travels in TEX Land: The post-typesetting phase of producing a book" *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2007-1, `http://www.tug.org/pracjourn/2007-1/walden`.

"Financial statements for 2006," *TUGboat*, Issue 28:1, 2007, http://www.tug.org/TUGboat/Articles/tb28-1/tb88treas.pdf.

"Travels in TEX Land: Using Your Favorite Editor with TeX" (with Yuri Robbers), *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2006-4, `http://www.tug.org/pracjourn/2006-4/walden`.

Guest editor, *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2006-3, http://www.tug.org/pracjourn/2006-3; wrote the "From the Editor" column and "Report on PracTeX06."

"Travels in TEX Land: Final Layout of a Book," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2006-3, http://www.tug.org/pracjourn/2006-3/walden.

"A lifetime as an amateur compositor," Practical TeX 2006 Conference Proceedings, *TUGboat*, Vol. 28, No. 1, 2007, pp. 49-60..

Breakthrough Management: Principles, Skills, and Models for Transformational Leadership (with Shoji Shiba), India edition published by the Confederation of Indian Industry, New Delhi, 2006; 2009 Hungarian translation by Laszlo Gabris — *Az áttöréses fejlesztés irányítása*; 2009 Korean translation by Sung-Hyun Park, Joon-Ho Kim, Young Jin Ahn, and Hye Ran Sul — 돌파경영.

"Quality Improvement Tools and Techniques" (with Shoji Shiba), chapter of *Quality Tools and Methods for the 21st Century*, edited by Conti, Watson, and Kondo, Salem, NH: GOAL/QPC, 2006.

Transformational Case Studies (with Bertrand Jouslin de Noray, Elisabeth Ballery, and Shoji Shiba), Salem, NH: GOAL/QPC, 2006.

"Travels in TeX Land: LaTeX for Productivity," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2006-2, http://www.tug.org/pracjourn/2006-2/walden.

"Travels in TeX Land: Using the Lucida fonts," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2006-1, http://www.tug.org/pracjourn/2006-1/walden.

"Travels in TeX Land: Word2TeX redux, TeX2Word, plain TeX with Eplain, and playing with 'thought breaks'," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2005-4, http://www.tug.org/pracjourn/2005-4/walden.

"A non-expert look at a small TeX macro," *TUGboat*, Vol. 25, No. 2, pp. 199-201.

Co-guest-editor (with Raymond Nickerson), two special issues of the *IEEE Annals of the History of Computing* on Bolt Beranek and Newman Inc.; first issue published as Vol. 27, No. 2, 2005, and second issue due for publication as Vol. 28, No. 2, 2006.

"What Is TeX?" (with Peter Flom, Hans Hagen, Joe Hogg, Nicola Talbot, Philip Taylor, and Christina Thiele), *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2005-3. http://www.tug.org/pracjourn/2005-3/walden-whatis.

"Travels in TeX Land: A Macro, Three Software Packages, and the Trouble with TeX" *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2005-3. http://www.tug.org/pracjourn/2005-3/walden-travels.

"Travels in TeX Land: Choosing a TeX Enviornment for Windows," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2005-2. http://www.tug.org/pracjourn/2005-2/walden.

"Travels in TeX Land: Tweaking LaTeX," *The PracTeX Journal* (an on-line publication of the TeX Users Group), Issue 2005-1. http://www.tug.org/pracjourn/2005-1/walden.

"Writing a Big Book—A First Experience with LaTeX," *TUGboat*, Vol. 24, No 2, 2003, pp. 211-215.

"Determining Customer and User Requirements: Theory and Practice," *Trabalhos Apresentados, Workshop em Segurança (Safety Workshop) Sistemas Computacionais em Aplicações Críticas*, edited by J.B. Camargo Junior, R. de Lemos, and T.S. Weber, published by Universidade de São Paulo, Brazil, ISBN 85-86686-25-5, pp. 1-17.

"The Bellman-Ford Algorithm and "Distributed Bellman Ford," written May 2003, still seeking publication (draft available at www.walden-family.com/public/bf-history.pdf).

"Development of TELNET's Negotiated Options" (with Bernard Cosell), *IEEE Annals of the History of Computing*, Volume 25, Number 2, April-June 2003, pp. 80-82.

"Getting the Most Out of Technologists," *Journal of the Center for Quality of Management*, Vol. 11, No. 2, Spring 2003, pp. 13-22.

"Remembering the LFK Network" (with Nils J. Liaaen), *IEEE Annals of the History of Computing*, Vol. 24, No. 3, July-September 2002, pp. 79-81.

"Thomas H. Lee (1923-2001)" (a brief biography), *Center for Quality of Management Journal*, special issue in memory of Thomas H. Lee, Vol. 10, No. 1, 2001, pp. 3-11.

"Creation and Evolution of the CQM," *Center for Quality of Management Journal*, special issue in memory of Thomas H. Lee, Vol. 10, No. 1, 2001, pp. 17-26.

Four Practical Revolutions in Management − Systems for Creating Unique Organizational Capability (a book with S. Shiba), Productivity Press, Portland, Oregon, 2001; major revision of *A New American TQM*.

"Planning Projects and Tasks Using the 9-Steps" (with John Petrolini), *Center for the Quality of Management Journal*, Vol. 9, No. 1, 2000, pp. 3-16.

"Observations from the 1997-98 CQM Study Group on Cycle Time Reduction" (with Neil Rasmussen), *Center for the Quality of Management Journal*, Vol. 8, No.2., 1999, pp. 3-34.

Integrated Management Systems: A Practical Approach to Transforming Organizations (contributor to book by Thomas Lee, Shoji Shiba and Robert Wood), John Wiley & Sons, 1999.

"Designing Integrated Management Systems," (with Thomas Lee), *Center for the Quality of Management Journal*, Vol. 7, No. 1, 1998, pp. 3-16; reprinted in Chinese in *Industrial Engineering and Management*, No. 3, 2000, pp. 3-

"Task Deployment Management," *Center for the Quality of Management Journal*, Vol. 6, No. 1, Spring 1997.

"An Overview of Conversation," *CQM Voice*, Vol. 7, Winter 1997.

"Language for Action" (with Gary Burchill), *Center for the Quality of Management Journal*, Volume 4, Number 4, Winter 1995, pp. 21-28; also submitted for publication elsewhere.

"The Language Processing Method" (with Ted Walls), *Center for the Quality of Management Journal*, Volume 4, Number 4, Winter 1995, pp. 29-37.

"The Systematic Development of Skill as a Basis for Competitive Product Development," *The Center for Quality Management Journal*, Volume 4, Number. 1, Winter 1995, pp. 14-41.

"Before the Internet, there was the ARPANET," *Boston Business Journal,* Volume 14, Number 30, September 9-15, 1994, pp. 19.

"An Issue Relating to Kano's Method," *The Center for Quality Management Journal,* Volume 3, Number 2, Concept Engineering Edition 1994, pp. 4.

"Mutual Learning: Industry/Academia Collaboration for Improved Product Development" (with Gary Burchill), *The Center for Quality Management Journal,* Volume 3, Number 2, Concept Engineering Edition 1994, pp. 23-39.

"Thoughts on Goals and Metrics," *The Center for Quality Management Journal*, Volume 3, Number 1, Winter 1994, pp. 33-38.

"Kano's Methods of Understanding Customer-defined Quality" (with C. Berger, R. Blauth, D Boger, C. Bolster, G. Burchill, W. DuMouchel, F. Pouliot, R. Richter, A. Rubinoff, D. Shen, and M. Timko), a special issue of *The Center for Quality Management Journal*, Volume 2, Number 4, Fall 1993.

Forward to *TQM for Technical Groups* (a book written by Uchimaru, Okamoto, and Kurahara), Productivity Press, Portland, Oregon, 1993.

A New American TQM (a book written with S. Shiba and A. Graham), Productivity Press, Portland, OR, 1993; also translated into and published in Spanish (*TQM: Desarrollos Avanzados*), French (*4 Révolutions Du Management Par La Qualité Totale*), Portuguese (*TQM Quatro Revoluções na Gestão da Qualidade*), and Chinese (一种新的美国全面质量管理（TQM）——管理中的四次实践革命).

"Breakthrough and Continuous Improvement in Research and Development—An Essay," *The Center For Quality Management Journal*, Volume 2, Number 2, Spring 1993, pp. 25-29.

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"Electronic Mail Systems" (with J.M. McQuillan), *ICP Interface*, Spring 1981.

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"The Development of Host Protocols," *Computer Design*, January 1980, pp. 16-24.

"The Evolution of Host/Host Protocol Technology" (with A. McKenzie), *Computer*, September 1979, pp. 29-38.

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Specific editing work for the *IEEE Annals of the History of Computing*

Co-editor of two special issues on BBN computing history: vol. 27, no. 2, April-June 2005; vol. 28 , no. 1, January-March 2006.
Development editor of special issue on Latin American computer: vol.37, no. 4, October-December 2015.
Development editor of special issue on East Asian computing: vol. 38, no. 2 , April-June 2016.
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Deborah Estrin (edited by Dag Spicer from the transcript of the recorded interview), vol. 36 no. 3, July-September, 2013, pp. 64-69..
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Barry Johnson, 2016-09-09, http://history.computer.org/leaders/barry-johnson.pdf
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Kris Holmes (interview completed 2018-10-01); also published in *TUGboat*
Robert Morris (interview completed 2018-04-17)
Michael Sharpe (interview completed 2017-09-11); also published in TUGboat
Scott Pakin (interview completed 2017-02-05); also published in TUGboat
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Pavneet Arora (interview completed 2016-05-24); also published in TUGboat
Edgar Daylight (interview completed 2014-12-15)
Michel Goossens (interview completed 2013-06-14)
Mari Voipio (interview completed 2012-12-08)
Mimi Jett (interview completed 2012-06-01)
Richard Palais (interview completed 2011-07-09)
Norbert Preining (interview completed 2011-04-10)
Malcolm Clark (interview completed 2011-02-09)
Herb Schulz (interview completed 2011-02-01)
Boris Veytsman (interview completed 2011-01-19)
Herbert Voß (interview completed 2010-08-31)
Frank Liang (profile completed 2010-07-28)
Joe Weening (interview completed 2010-06-08)
Bart Childs (interview completed 2010-05-10)
Luis Trabb Pardo (interview competed 2010-04-08)
Howard Trickey (interview complete 2010-03-23)
John Hobby (interview completed 2010-01-05)

Michael Plass (interview completed 2009-12-20)
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Joseph Wright (interview completed 2009-10-21)
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Yannis Haralambous (interview completed 2009-01-06)
Jonathan Fine (interview completed 2008-12-14)
Boguslaw Jackowski and Janusz Marian Nowacki (interview completed 2008-09-27)
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Yuri Robbers (interview completed 2008-08-24)
Tomas Rokicki (interview completed 2008-08-15)
Hàn The Thành (interview completed 2008-07-24); translated into Czech for the 2009-4 bulletin of
    Československé sdružení uživatelů TeXu (the TeX users group of the Czech Republic), pp. 184-190.
Arthur Ogawa (interview completed 2008-07-14)
Jon Breitenbucher (interview completed 2008-05-22)
Peter Gordon (interview completed 2008-01-08)
Ross Moore (interview completed 2007-12-12)
Susan DeMeritt and Cheryl Ponchin (interview completed 2007-10-11)
Rainer Schöpf (interview completed 2007-08-27)
Jim Hefferon (interview completed 2007-08-13)
Oleg Katsitadze (interview completed 2007-08-04)
Dick Koch (interview completed 2007-07-12)
David Carlisle (interview completed 2007-06-20)
Haruhiko Okumura (interview completed 2007-06-04)
Nicola Talbot (interview completed 2007-05-25)
Jin-Hwan Cho (interview completed 2007-05-21)
David Fuchs (interview completed 2007-05-14)
Jonathan Kew (interview completed 2007-04-03)
Will Robertson (interview completed 2007-03-25)
John Culleton (interview completed 2006-12-2)
Gerben Wierda (interview completed 2006-11-28)
Peter Wilson (interview completed 2006-11-08)
Taco Hoekwater (interview completed 2006-10-13)
Kaveh Bazargan and CV Radhakrishnan (interview completed 2006-09-21)
Peter Flynn (interview completed 2006-09-19)
David Kastrup (interview completed 2006-08-21)
Aleksander Simonic and Adriana McCrea (interview completed 2006-06-28)
Thomas Esser (interview completed 2006-06-5)
Duane Bibby (interview completed 2006-05-19)
Werner Lemberg (interview completed 2006-04-28)
Christian Schenk (interview completed 2006-04-15)
Hans Hagen (interview completed 2006-03-02)
Steve Peter (interview completed 2006-02-07)
Frank Mittelbach (interview completed 2006-01-11); interview done jointly with Gianluca Pignalberi
    representing Free Software Magazine (http://www.freesoftwaremagazine.com) where the
    interview was also published—Issue 10, January-February 2006; also translated into Italian for
    republication in *ArsTeXnica* the journal of Gruppo Utilizzatori Italiani TeX e LaTeX—GuIT), volume
    3, April 2007, pp. 4–12.
Barbara Beeton (interview completed 2005-11-24)
Karl Berry (interview completed 2005-09-27)
Mimi Burbank (interview completed 2005-09-06)
Philip Taylor (interview completed 2005-05-25)
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Robin Fairbairns (interview completed 2005-02-16)
Lance Carnes (interview completed 2004-12-13)
Dan Luecking (interview completed 2004-11-08)

Full length interviews of me:

"Dave Walden Oral History," August 21, 2014, interviewed by Brad Fidler and Len Kleinrock of UCLA, http://walden-family.com/dave/ucla-Dave-Walden-Oral-History-dcw-edit-1-16-only.pdf

"Oral history interview," June 5, 2009, interviewers Marc Weber and Gardner Hendrie of the Computer History Museum, http://www.computerhistory.org/collections/catalog/102702119

"David Walden interview: A conversation about writing and learning, and some books to read," *MAPS* 34 (the journal of the Nederlandstalige TeX Gebruikersgroep, Fall 2006, pp. 81-84.

"Interview of Dave Walden, "completed September 31, 2006, interviewed by Karl Berry, http://www.tug.org/interviews/interview-files/dave-walden.html, and reprinted in *TeX People: Interview from the World of TeX*, edited by Karl Berry and David Walden, TeX Users Group, Portland, OR, 2009.

"Oral history interview with David C. Walden," February 6, 1990, interviewer Judy E. O'Neill, call number OH 181, Charles Babbage Institute, University of Minnesota, Minneapolis.

Presentations, Lectures, and Seminars (incomplete list):

"ARPANET: Celebrating 50 years since 'LO'," American Association for the Advancement of Science 2019 annual meeting, Washington, DC, February 17, 2019, 90-minute session with panelists Vint Cerf, Steve Crocker, Len Kleinrock, Bob Kahn, and Dave Walden, https://meetings.aaas.org/arpanet-livestream/

"Remembering the BBN ARPANET Project," Vintage Computer Festival East, Wall, NJ, May 20, 2018.

"An informal look into the history of digital typography," TeX Users Group annual conference, Toronto, July 25-27, 2016.

"The Digital Revolution: Computers and Communications," Wellesley-Weston Lifetime Learning, September 28, 2014.

"Printing and Publishing in Boston: An Historical Sketch," Boston By Foot continuing education lecture, Old North Church, Boston, June 11, 2013; a written version of the presentation is at http://walden-family.com/bbf

"Observations on the evolution of the Internet (and on the writing of computing history)," guest lecture, HIST180A course, UCLA, July 23, 2012.

"My Boston: Some Printing and Publishing History," TeX Users Group 2012 Annual Conference, Boston, MA

Moderator of a panel consisting of six TeX consultants, TeX Users Group 2012 Annual Conference, Boston, MA.

"Self-publishing: Experiences and Opinions," Marstons Mills public library, Marstons Mills, MA, May 25, 2011.

Moderator of a panel consisting of Donald Knuth and nine Stanford TeX project members, TeX Users Group 2010 Annual Conference, San Francisco, CA:
transcribed in *TUGboat*, vol. 31, no. 2, pp. 125-137
video at http://river-valley.tv/media/conferences/tug-2010/TUG2010-Panel/

"Self-publishing: Experiences and Opinions," TeX Users Group 2009 conference, Notre Dame Univeresity, July 28-31, 2009:
http://river-valley.tv/self-publishing-experiences-and-opinions/

"TeX People: The TUG interviews project and book" (with Karl Berry), TeX Users Group 2009 conference, Notre Dame Univeresity, July 28-31, 2009:
http://river-valley.tv/tex-people-the-tug-interviews-project-and-book/

"The Internet as I have seen I it," part of a session on The Birth of the Internet and World Wide Web organized by the Polyteknisk Forening in Oslo, Norway, Sept. 18, 2007; other participants were Robert Cailliau (co-developer of the WWW) and Håkon Wium Lie (chief technical officer of Opera Software and developer of CSS), and the moderator was venture capitalist Terje Mikalsen (one of the founders of Norsk Data).

"The Center for Quality of Management: a U.S. Experiment in Mutual Learning," Spring Camp 2007, Fayence, France, April 17, 2007.

Moderator of a panel consisting of Peter Flynn, Jonathan Kew, Barbara Beeton, Mirko Janc, TeX Users Group 2006 PracTeX Conference, Rutgers University, New Brunswick, NJ, `http://river-valley.tv/practex-2006-panel/`

Observations on engineering and the beginnings of the Internet to the student IEEE society and on observations on the "old ARPANET routing algorithm" to a class of Prof. Bruce McDonald, Northeastern University, December 3, 2003.

"A lifetime as an amateur compositor," Practical TeX 2006 Conference, Rutgers University. July 25-28, 2006: `http://river-valley.tv/a-lifetime-as-an-amateur-compositor`

"Four Practical Revolutions in Management and the Importance o Societal Networking and Mutual Learning," invited presentation, special meeting of the Project Management Institute São Paulo chapter, campus of the University of São Paulo, October, 21, 2003.

"Systematic Development of Skill for Process Management and Quality," guest lecture, MIT, June 13, 2003.

"Quality Improvement Tools and Techniques," guest lecture, MIT, August 16, 2002.

"System and Project Management: Lessons from Quality Management," guest lecture, MIT, November 14, 2000.

"Some Observations and Interpretations of Internet History from 1968-1980," ACM SIGCOMM '99 Tutorial on The Technical History of the Internet, Harvard University, Cambridge, MA, August 31, 1999.

"Observations from the 1997-98 CQM Study Group on Cycle-time Reduction," CQM Cincinnati CEO/CQO Roundtable, February 1999; also CQM Louisville Roundtable, May 1999; also CQM Europe Roundtable, October 1999..

"The Responsibility of the Leader — Systematic Development of Skill," invited presentation, Northern Ireland Quality Centre World Quality Day on "Sharing Responsibilities, Sharing Benefits," Carrickfergus, Northern Ireland, November 12, 1998.

"Personal PDCA," Center for Quality of Management 1-day course (revision of "Conversation for Action"), October 1998, November 1998, December 1998, May 1999, June 1999.

"TQM Overview for Executives," Center for Quality of Management 2-day course, April, November and December 1998.

"7-Steps Problem Solving," Center for Quality of Management 1-day course, October, 1998.

Panel moderator, Center for Quality of Management Seminar on "Cultural Archetypes," May 19, 1998

"Conversations for Effective and Efficient Action," Center of Quality of Management 2-day course, 3 times in 1997.

"Creating Effective and Efficient Action in Organizations, 1-day course, Stockholm Sweden, May 1997.

"Understanding Variation," Center for Quality of Management half-day course, January 30, 1997.

"Conversation for Action," Center for Quality of Management 1-day course, December 1996, February 1997, April 1997.

"Hearing and Understanding the Voice of the Customer," 1-day seminar for Honeywell, Germany, Nov. 1996

"Coaching is a Two Way Street," panel session moderator and presenter, Smaller Business Association of New England, 1996 New England Business Conference, Burlington Marriott, Burlington, MA, June 11, 1996.

"Managing Business Commitments," Boston Federal Reserve Monthly Business Roundtable, June 3, 1996.

"Designing High Performance Interactions," Center for Quality of Management 6-Day Course Update, Colonial Hilton, Wakefield, MA, June 4-5,.1996.

"CEO Involvement and TQM Infrastructure" and "Introduction to Conversation," Study Tour from Finnish Industry, Center for Quality of Management, Long Wharf Marriott Hotel, Boston, April 22, 1996.

Panel moderator, Center for Quality of Management Seminar on "TQM in Services," March 20, 1996.

"Language and conversation in technology and product development," seminar for Digital East Coast Laboratories, Cambridge, Massachusetts, March 11, 1996.

"Language for Action—a new thrust in the Center for Quality of Management's on-going experience in societal networking," The National Center for Quality Management, University of Limerick, Limerick, Ireland, November 17, 1995.

"The History of the Internet—from 1960 to 2000," invited presentation, Aalesund Technical College, Aalesund, Norway, October 2, 1995; also presented for MIT LFM Pro Seminar, January 1997.

Panel participant, Plenary Panel on "Groupware and global information networks: Friendly mergers or competing models?", ACM 1994 Conference on Computer Supported Cooperative Work, Chapel Hill, North Carolina, October 22-26, 1994.

"The Systematic Development of Skill as a Basis for Competitive Product Development," invited presentation, R&D Quality Day, Bose Corporation, Framingham, Massachusetts, October 4, 1994; also presented as "The Systemic Development of Skill in Technical Groups," as an invited lecture at Lotus Development Corporation's Corporation IS Group (September 19, 1995) and as an invited lecture at the Norwegian Technical University in Trondheim (October 5, 1995); also presented as "The Systematic Development of Engineering Skills—a basis for competitive product development," Boston Chapter of the IEEE Engineering Management Society (December 12, 1995).

Leader of the Day, Center for Quality Management 6-day Course on "TQM for Senior Managers," "Day 1—Evolution of management thinking and TQM, improvement as a problem solving process, and the KJ Method" (4 times), "Day 2—Reactive Improvement" (once), "Day 3—Proactive Improvement" (twice), "Day 4—Teams and teamwork" or Day 4—"Teams and Teamwork, and Designing Effective and Efficient Action" 15 times), "Day 5—Strategies for Mobilization and Phase-in" (3 times), "Day 6—Phase-in strategies, applying PDCA in daily work, and societal networking" (8 times), 1991-1996, including once giving all 6 days of a single instance of the 6-Day Course (Oslo, Norway, September 29-October 8, 1995)..

Three full-day invited lectures on TQM, "Teams and Teamwork," "Mobilization infrastructure," and "Phase-in strategies for implementation and societal networking," Beijing Center for Quality Management, Beijing, China, July 1993.

"Researching and Practicing Total Quality: The Center for Quality Management (CQM) Experience in Multi-company Sharing and Collaboration," invited presentation, The Total Quality Forum, Cincinnati, Ohio, November 10-13, 1992.

Two full-day invited lectures on TQM, "Introduction to TQM" and "Proactive improvement," to the President and Executive Committee of the University of Limerick, Limerick, Ireland, February 1993; repeated approximately for the Master's students, National Center for Quality Management, University of Limerick, November 15-16, 1995.

"Network Learning about TQM Implementation Among Senior Executives—An Experiment in the USA," invited presentation, Norwegian Academy of Technological Sciences seminar on "World Class Quality: The Role of Top Management," Norwegian Academy of Science and Letters, Oslo, Norway, November 7-8, 1991.

"Session Chairman's Remarks," Digital Video and Imaging Session, *Proceedings of the Symposium on Gigabit Networks*, July 15-17, 1991, pp. 395-402.

"The Initiation of TQM at BBN," invited presentation, Institute of Industrial Engineers Seminar, Key West, Florida, October 18, 1991.

"Experiences in the Implementation of TQM," invited lecture for Professor Gabriel Bitran's MIT Course on Management of Quality, April, 1991.

Four lectures, Center for Quality Management 6-day Course on "TQM for Senior Managers," Cambridge, MA, October, November, and December, 1990.

"Total Quality Management: A Corporate Perspective," invited presentation, NCMA Seminar, Woburn, MA, March 14, 1990.

"Modular Technology," invited presentation, Managing Evolutionary Systems - Information Infrastructures and Technologies, A Government Executive Seminar presented by The MITRE Corporation, Williamsburg, VA, February 19-23, 1990.

"Telecommunications Networks of the Future," invited testimony to the House Subcommittee on Telecommunications and Finance at its Oversight Hearing, Washington, D.C., October 4, 1989.

"A Strategy for Future Training—Vision and Reality," invited presentation, Eighth Interservice/Industry Training Systems Conference, Salt Lake City, Utah, November 17-20, 1986.

"The Development of a Commercial Applications System under UNIX" (with C. Sanford), Summer '82 USENIX Conference, July 6-9, 1982.

"A Current Look at Electronic Mail," invited presentation, OPOPP/TelPOPP Meeting, Chicago, November 17, 1980.

"Electronic Mail: The Message System Approach" (with J.M. McQuillan and T. Myer), full day seminar given successively in seven U.S. cities, October and November 1980.

"Communications Software," presented at the AIIE conference on Data Communications in the 1980s, New York, New York, May 8-9, 1978.

"Datacomm/Database Technology," invited presentation, Data Communications INTERFACE '78, Las Vegas, Nevada, March 6-9, 1978.

"Advances in Computer Communication," invited lecture, First MIT Alumni Summer College, July 11-15, 1977, Cambridge, Massachusetts.

"Current Status of the Satellite Interface Message Processor" (with R. Binder, Nai-Ting Hsu, R.D. Rettberg, and R.C. Weissler), presented at the Workshop on Packet-Switching and Communication Satellites, I.R.I.A., Rennes, France, June 1976.

"Gateway Design for Computer Network Interconnection" (with M. Beeler, J. Burchfiel, R. Rettberg, and V. Strazisar), invited presentation, AFIPS 1976 National Computer Conference and Exposition, New York, June 6-10, 1976.

"Minicomputer Use in the ARPA Network," invited presentation, Government-Industry Conference on "Minicomputers: The Applications Explosion," American Institute of Industrial Engineers, Washington, D.C., November 17-19, 1975.

"Seminar on the ARPA Network," invited presentation, New Horizons in Physics Lecture Series 1974, Advances in Communications, State University College, New Paltz, New York, October 31, 1974.

Six invited lectures on packet-switching networks and time-shared computing, International Seminar on Performance Measurements of Data Processing Systems, Weizmann Institute, Rehovot, Israel, July 14-25, 1974.

Participant in a panel session on "Applications and extensions of the TENEX operating system," AFIPS 1974 National Computer Conference, May 6-10, proceedings page 967.

"Status of the Satellite IMP for the ARPA Network," invited presentation, Satellite Packet Communications Session, AFIPS 1973 National Computer Conference and Exposition, New York, June 4-8, 1973.

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