

John L. Sloan **Home:** **Denver, Colorado** **Office:** +1 303 940 9064
 Email: **jsloan@diag.com** **Mobile:** +1 303 489 5178
Vita **Citizenship:** **U.S.A.** **Home:** +1 303 467 9074

John Sloan, Outstanding Alumni Award, College of Engineering and Computer Science, Wright State University, February 2008

J. L. Sloan, "Implications of Memory Models (or Lack of Them) for Java, C, and C++ Developers", Avaya Inc., April 2007

Member, Engineering Technology Advisory Board, DeVry University/Westminster Campus, 2005-present

J. L. Sloan, "The Wisdom of Crowds", talk based on Surowiecki's book, Avaya Inc., February 2005

J. L. Sloan, "Measuring and Managing Performance in Organizations", talk based on Austin's book, Avaya Inc., May 2004, August 2004

J. L. Sloan, "Mass Storage Systems", *Encyclopedia of Computer Science*, fourth edition, A. Ralston et al., ed., Wiley, 2003

J. L. Sloan, *System for accurately performing an integer multiply-divide operation*, U. S. patent 6,457,036, Avaya Inc., September 24, 2002

J. L. Sloan, "Embedded Firmware Reuse", talk, Avaya Inc., January 2002, June 2002

B. L. Irwin, D. L. Kitts, C. R. Ruff, J. L. Sloan, *Mass storage system for file-systems*; U.S. patent 5,566,331; University Corporation for Atmospheric Research; October 15, 1996

E. Salmon et al., "Requirements for File Storage Management Software", invited conference panel participant, Fifth NASA Goddard Conference on Mass Storage Systems and Technologies, College Park, MD, September 1996

J. L. Sloan, "Power Curves, the Singularity, and the Brave Newer World", keynote address, Colorado Computational Science Fair, Boulder CO, May 1996

Member, Advisory Panel, McData Corporation, 1995-1996

Visiting scientist, Laboratory for Atmospheric Sciences and Geophysical Fluid Dynamics (LASG), Institute for Atmospheric Physics, Beijing, China, June 1995

J. L. Sloan, "The Supercomputing Environment at NCAR", invited talk, Institute for Atmospheric Physics, Beijing, China, June 1995

J. L. Sloan, "The Networking Environment at NCAR", invited talk, Institute for Atmospheric Physics, Beijing, China, June 1995

J. L. Sloan, "The NCAR Mass Storage System", invited talk, Institute for Atmospheric Physics, Beijing, China, June 1995

J. L. Sloan, "Mass Storage Performance Analysis", invited talk, Institute for Atmospheric Physics, Beijing, China, June 1995

J. L. Sloan, "Mass Storage Futures at NCAR", invited talk, Central Meteorological Agency, Beijing, China, June 1995

J. L. Sloan, "Flying with Instruments: Characterizing the NCAR MSS-III Workload", *Proceedings of the 13th IEEE Symposium on Mass Storage Systems*, Annecy, France, June 1994

J. L. Sloan, "Workload Metrics for the NCAR Mass Storage System", *Proceedings of the CRAY User Group Spring 1994 Conference*, San Diego CA, March 1994

J. L. Sloan et al., "MaSSIVE™: The Mass Storage System IV Enterprise", *Proceedings of the IEEE*, vol. 81 no. 4, April 1993, pp. 621-630

J. L. Sloan, et al., "The MaSSIVE™ Project at NCAR", *Proceedings of the 12th IEEE Symposium on Mass Storage Systems*, Monterey CA, April 1993

J. L. Sloan, "Project MaSSIVE™: The Next Generation of Mass Storage at NCAR", invited talk, *RCI Ltd. North American Member Management Symposium XII Proceedings*, Boulder CO, April 1993

J. L. Sloan et al., "A Mass Storage System for Supercomputers", poster session, *Supercomputing '92*, Minneapolis MN, November 1992

J. L. Sloan, "Parcels with TAGS", technical report, NCAR/TN-377+IA, NCAR Information Services, October 1992

J. L. Sloan, "Context Switch Time Scalability", technical report, NCAR/TN-378+STR, NCAR Information Services, October 1992

John Sloan, "TAGS and the Economics of Supercomputing", invited talk, *Systems Analysis Colloquium*, Miami University, Oxford OH, October 1991

J. L. Sloan, "The Client-Server Paradigm", conference presentation, *Ohio Collegiate Computer Science Conference*, Dayton OH, April 1989

John Sloan, "TURNPIKE: Campus Networking and the Politics of Change", invited talk, *Spring 1989 Ohio Higher Education Computer Centers Conference*, Dayton OH, March 1989

D. Hemmendinger et al., "Concurrent Software Design Course Notes", course notes, *Wright State Rotary Press*, 1988

John Sloan, "The Research Computing Network and the Integrated Computing Environment", invited talk, *Logistics Techniques Inc. Technical Seminar*, Dayton OH, February 1988

John Sloan, "How is Gibson's *Neuromancer* an Extrapolation of Existing Computer Technology?", invited talk, *University of Dayton Department of English*, Dayton OH, December 1987

D. Hemmendinger et al., "Device Management in a Small Real-Time Kernel", conference presentation, Ohio Collegiate Computer Science Conference, Akron OH, March 1987

J. L. Sloan, "Electronic Mail in a Heterogeneous Networking Environment OR We Use UNIX to Glue Everything Together, Just Like Everyone Else", conference presentation, Ohio Collegiate Computer Science Conference, Akron OH, March 1987

D. Hemmendinger et al., "Real-Time Software Design Course Notes", course notes, Wright State Rotary Press, March 1986

J. L. Sloan, "Teaching Real-Time Software Design: Lectures and Laboratories", conference presentation, Ohio Collegiate Computer Science Conference, Bowling Green OH, March 1985

J. L. Sloan, "TASK4TH 1.2 Manual", technical report, WSU-CS-84-31, Department of Computer Science and Engineering, Wright State University, December 1984

J. L. Sloan, "TASK4TH - A Multitasking FORTH Workstation", *Rochester Forth Applications Conference Proceedings*, Institute for Applied Forth Research, Inc., Rochester NY, June 1984

R. D. Dixon et al., "Extensions of FORTH for Functional Programming", *Rochester Forth Applications Conference Proceedings*, Institute for Applied Forth Research, Inc., Rochester NY, June 1984

J. L. Sloan, "Real-Time Software Design: Lecture Notes and Slides", technical report, WSU-CS-84-32, Department of Computer Science and Engineering, Wright State University, June 1984

J. L. Sloan, "An Implementation of BADJR on the PDP-11", thesis, WSU-CS-85-34, Department of Computer Science and Engineering, Wright State University, October 1983