

Authors

Harold A. Anderson, Jr.

System Products Division, Poughkeepsie, New York.

Systems and information science (Ph.D., Syracuse University, 1972). Joined IBM's Research Division in 1965, specializing in computer-aided design of integrated circuits and computer performance evaluation. In 1974 he transferred to the Advanced Systems Development Division, where he was manager of system performance analysis, and in 1975, he became manager of subsystem performance analysis in the System Products Division.

Lawrence A. Bjork, Jr.

General Products Division, Palo Alto, California.

Mathematical statistics (M.S., University of Chicago, 1962). Was a staff member of Automatic Electric Laboratories, a subsidiary of General Telephone and Electronics Corporation, Northlake, Illinois, performing systems programming for electronic switching systems. Joined IBM in 1968 in data management in San Jose and has been involved in the architecture of data base/data communication-based products and system design. Recently he has been on a DB/DC recovery and audit project for advanced systems.

George L. Galati

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Joined IBM Research in 1965 and has worked on interactive data base systems, data compaction, sorting algorithms, and data base reorganization. Currently involved in system measurement and modeling, he is developing measurement tools for virtual storage operating systems. He is working toward a B.B.A. degree at Pace University.

Sawsan B. Ghanem

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Engineering economic systems (Ph.D., Stanford University, 1975). While at Olivetti of America, during 1972 and 1973, she worked on the development of small operating systems for intelligent terminals. Joined the IBM Research Division in 1974, where she has been involved with the management of a computer installation. Currently working on the economics of distributed data base systems.

Henry M. Gladney

Research Division, San Jose, California.

Chemistry (Ph.D., Princeton University, 1963). Joined the IBM Research Laboratory physics department at San Jose in 1963 where he worked in spectroscopy, crystal growth, and laboratory automation. From 1968 to 1970, he was on the technical staff of the IBM Vice President and Chief Scientist. From 1970 to 1973, he managed the Research computer center at San Jose. Presently, he is manager of the molecular dynamics department at the San Jose Laboratory where he is engaged in quantum chemical and statistical thermodynamics research.

Jack A. Laird

System Communications Division, Kingston, New York.

Electrical engineering (M.S.E.E., University of Texas, 1948). He joined IBM in 1957 as a member of the IBM SAGE Systems Office. Since that time he has had engineering assignments in input/output, displays, memory design, RAS (Reliability and Serviceability) and power. He is currently responsible for the Power Profile as a Staff Engineer in the Advanced Power Development area.

James J. Myers

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Computer sciences (M.S., Pennsylvania State University, 1968). At the university, he wrote a low-speed remote job entry and file maintenance system. Joined the IBM Research Division in 1968 as a systems programmer doing work on operating systems maintenance. Later he started the inventory control system work at the Research Center. Currently working on programming support for graphics terminals.

Martin Reiser

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Electrical engineering (Ph.D., Swiss Federal Institute of Technology, Zurich, 1971). Joined IBM Research in Zurich in 1968, working on two-dimensional numerical solutions of field-effect transistors. Transferred to Yorktown Heights in 1972 to work in systems measurement and modeling. During 1973 he worked on data base systems at IBM Research in San Jose, and in April 1974 he returned to Yorktown, where he is working on the theory and program implementation of queuing networks.

Donald N. Streeter

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Applied physics (Ph.D., Harvard University, 1964). After joining IBM in 1951, he worked in dynamic analysis and instrumentation, and as a development engineer. He joined the Research Division in 1964, and became Director of the Computing Systems Department. During recent years, he has done individual research on quantitative methods of computer center management, and the teaching of these topics. He is currently working on methodologies for matching the capabilities and objectives of a research organization.

Eldon L. Worley

Research Division, San Jose, California.

Electrical engineering (B.S., Oregon State University, 1963). Joined the IBM Systems Manufacturing Division at Endicott, New York in 1964, where he worked on Solid Logic Technology (SLT) logic simulation and analysis. In 1967, he transferred to San Jose as assistant programmer for the Systems Manufacturing Division. Since 1971, he has been a member of the Research Division in San Jose, working on the inventory control system.