Authors

Michael W. Blasgen

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Dr. Blasgen is the manager of the Data Storage and Control Group in the Computer Science Department of the IBM Research Laboratory at San Jose. He joined IBM in 1969 as a research staff member at the Research Center in Yorktown Heights, New York. There, he worked on computer graphics, operating systems, and automation. Dr. Blasgen went to San Jose in 1974, where he has been involved in the development of an experimental data base management system. Prior to joining IBM, Dr. Blasgen was on the faculty at the University of California at Berkeley. He received a B.S. degree in engineering from Harvy Mudd College in 1963, the M.S. degree in electrical engineering from California Institute of Technology in 1964, and the Ph.D. degree in electrical engineering and computer science from the University of California, Berkeley, in 1968.

James P. Considine

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Dr. Considine joined IBM in 1966 as a scientific programmer at the Research Center at Yorktown Heights. There he participated in system programming for the Research Center TSS/360 installation, particularly data and space management. Dr. Considine later managed a system support group and a system measurement and analysis group. Assigned for a year to the IBM United Kingdom Scientific Centre at Peterlee, England, he participated there in the development of a relational data base system that has come to be known as the Peterlee Relational Test Vehicle (PRTV). He is currently developing new tools for data and space management under MVS. Dr. Considine earned the Ph.D. degree in physical chemistry at the Polytechnic Institute of New York in 1962.

Chester J. Daniel

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Mr. Daniel is a development programmer in advanced systems programming and manager of support program development at the Rochester laboratory. He joined IBM in 1961 in manufacturing. From 1964 to 1969 he was in computer operations and a part-time instructor in basic programming training. He was co-designer of an application with a BDAM data base and interactive terminal support, and he served as an advisor on application data base direction for IBM corporate-wide records systems. Mr. Daniel provided the initial architecture and was team leader of the PDCC project, for which he received an IBM Outstanding Innovation Award. In 1974 and 1975 he was data base administrator for information systems at Rochester.

Kapali P. Eswaran

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Dr. Eswaran joined IBM at the Research Laboratory at San Jose in 1973, at which time he worked on data base systems. He was one of the architects of the System-R data base system and was involved in its implementation. His current interests include office automation systems as well as data base systems. He is presently the project leader of an office systems project at the IBM Research Laboratory at San Jose. Dr. Eswaran received his Ph.D. degree in electrical engineering and computer sciences from the University of California at Berkeley.

George F. Heyne

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Mr. Heyne is a staff programmer in the development support programming group at the Rochester laboratory. He joined IBM in 1963 as a programmer. His work has dealt primarily with terminal systems, their support, and applications. He was involved in developing the Mutliple Terminal Monitor Task (MTMT), a programming display terminal system, and he helped develop telecommunication support for the IBM System/3. Mr. Heyne had responsibility for terminal communication support for PDCC, for which he received an Outstanding Innovation Award. He received his B.S. in mathematics from Kansas State University in 1963 and his M.S. in computer science in 1975 from the University of Minnesota.

James J. Myers

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Mr. Myers joined the IBM Research Division in 1968 as a systems programmer. He has worked on data base management and data access control systems. He has also worked on a graphics terminal system. In 1975, Mr. Myers went to the IBM United Kingdom Laboratory at Hursley, England where he worked on MARC as a sabbatical project. After his return to the IBM Research Center at Yorktown Heights, he has continued to work on MARC. Mr. Myers earned the M.S. degree in computer sciences at the Pennsylvania State University in 1968.

Kattamuri S. Sarma

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Dr. Sarma joined IBM in 1969 where he is a Senior Econometrician in Corporate Economic Research. He was involved in developing the IBM input-output model and revised the model significantly during 1973 and again in 1975. He is currently responsible for preparing the long-term industrial forecasts for the U.S. economy. He is also developing an intercountry trade flow model using a method similar to that of the IBM input-output model. Dr. Sarma received a B.A. in mathematics from Andhra University, India, an M.A. in economic statistics in 1964 from the University of Delhi, India, and his Ph.D. in economics in 1972 from the University of Pennsylvania where he evaluated alternative types of input-output models for his thesis research.

Moshé M. Zloof

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Dr. Zloof is a Research Staff Member in the Computer Sciences Department of the Thomas J. Watson Research Center. He is currently Assistant to the Director of Computer Sciences. After receiving his Ph.D. degree in bioengineering from the University of California at Berkeley in 1972, he joined IBM to work in the biomedical areas. In late 1973, he joined a project on small business machines. Since then, he has conceived and worked on the Query-by-Example programming language. Prior to working on the Ph.D. degree, Dr. Zloof was owner of a construction company for public works in Tel Aviv, Israel. He served as a lieutenant in the Israeli Army for three years. Prior to military service, Dr. Zloof attended the Technion Institute of Technology at Haifa, where he received the B.S.C. degree in mechanical engineering in 1959.