

Authors

Hugh G. ApSimon

IBM United Kingdom, Industry Marketing, London, England.

Mathematics (D. Phil., Oxford University, 1951). Fairey Aviation Research Division to 1954, then Decca Radar Research. Joined IBM in 1958 as Applied Science Representative. Applied Science Country Manager from 1960 to 1962. Now Manager, University Programmes.

Kenneth R. Blake

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Mathematics (M.S., Marquette University, 1959). Operations research and programming, Research Department of United Aircraft Corporation. Work in simulation development since joining IBM in 1960. Currently Senior Staff Mathematician, Programming Research.

Alvin M. Blum

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Industrial Management, Mathematics (M.S., New York University, 1964). Assistant Production Manager, Federal Manufacturing and Engineering Corporation (1952-54); Industrial Engineer, Penn-Akon Corporation (1954-61). At IBM since 1961, has developed simulation models for complex data processing systems. Presently Senior Associate Mathematician in Advanced Applications Department.

D. Franklin Boyd

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Mechanical Engineering (B.S., University of Oklahoma, 1943). Manager, Operations Analysis Section, Willys Motors Corp.; Management Advisor, Standard Oil Co., N. J. Applied simulation techniques to financial forecasting and corporate planning. Mr. Boyd joined IBM in 1961 and is currently manager of an operational modelling project.

Gerald A. Davison

Data Processing Division, Kingston, New York.

Chemistry (B.S., University of Florida, 1962). Joined IBM in 1962 as a Junior Programmer. Work related to the determination of core storage requirements for I/O line buffering in a real-time system. Currently on military leave.

Ints Delgalvis

Data Processing Division, Kingston, New York.

Mathematics (M.A., Bucknell University, 1962). Joined IBM Systems Engineering in 1962. Has been engaged in development of analytic techniques for systems design. Mr. Delgalvis is an Associate Mathematician.

Bernard Dimsdale

Systems Research and Development Center, Los Angeles, California.

Mathematics (Ph.D., University of Minnesota, 1940). Faculty member, Universities of Minnesota, Idaho, and Purdue. Aberdeen Proving Ground, Raytheon Manufacturing Company. Joined IBM in 1956. Manager, Systems Programming, Project Mercury; Manager, Los Angeles Data Processing Center, Service Bureau Corporation. Presently Manager, Systems Simulation.

Richard Efron

Federal Systems Division, Systems Center, Bethesda, Maryland.

Mathematics (A.B., Brown University, 1960). Joined IBM in 1960. Simulation studies with early versions of GPSS; programming of GPSS II. As a Senior Associate Programmer, Mr. Efron is presently Programming Coordinator for the development of a large scale teleprocessing system.

Geoffrey Gordon

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Physics, Mathematics (M.Sc., University of London, 1952). Employed at Westinghouse and Bell Telephone Laboratories before joining IBM in 1960. Worked extensively with simulation of switching systems and general purpose simulators. Received IBM Distinguished Technical Contribution Award in 1963. Mr. Gordon is currently Manager of the Systems Methodology and Programming Laboratory.

Howard S. Krasnow

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Mechanical Engineering, Industrial Management (M.S., Massachusetts Institute of Technology, 1958). Operations research, Research Laboratories and Hamilton Standard Division of United Aircraft Corporation. Joined IBM in 1961. Simulation and management control studies. Manager, System Design Methods. Currently Manager, Programming Research.

Harry M. Markowitz

Consultant, Los Angeles, California.

Economics (Ph.D., University of Chicago, 1955). Cowles Commission for Research in Economics (1949-51), RAND Corporation (1951-58 and 1960-62), General Electric Company (1958-60). Vice President of the Institute for Management Sciences, and Fellow of the Econometric Society. Presently a consultant to industry.

John E. Meggitt

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

Mathematics (Ph.D., Cambridge University, England, 1958). Research Fellow, Emanuel College, 1955-56. Joined IBM World Trade Corporation in 1959, IBM Research Division in 1962. Design of microprogrammed machines. Research Staff Member, currently engaged in design of advanced computer systems.

A. C. R. Petit

Advanced Systems Development Division, Systems Methodology and Programming Laboratory, Mohansic, New York.

Mathematics (M.S., New York University, 1962). Computer Systems Specialist, Western Electric Company. Joined IBM in 1961 and is currently Senior Associate Programmer on an operational modelling project.

Kenneth F. Scharfenberg

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

Electrical Technology (A.A.S., Westchester Community College, 1954). Joined IBM General Products Division in 1955. Entered Research Division 1958. Active in the field of information retrieval and multi-programming systems. Mr. Scharfenberg is presently a Research Staff Member in the Systems Applications and Technology Department.

Philip H. Smith, Jr.

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

Linguistics (Ph.D., University of Pennsylvania, 1960). Instructor, Georgetown University; visiting lecturer in English, University of the Andes, Colombia (1957-58). Member of machine translation research project, Georgetown University (1958-59). Joined IBM Research in 1960 and is currently a Research Staff Member, Linguistics Group, Systems Applications and Technology Department.

John T. Trimble

Data Systems Division, Programming Systems, New York, New York.

Electrical Engineering (B.S., Carnegie Institute of Technology, 1956). Engineering Associate, Bell Telephone Company of Pennsylvania (1956-59). Joined IBM Applied Programming in 1959. Worked on 7070 FORTRAN, 7070 AUTOCODER 76, 7040/44 COBOL, and 7040/44 IBMAP. Presently Staff Programmer in 7040/7044 programming systems group.

Cesar R. Velasco

Data Systems Division, Development Laboratory, Kingston, New York.

Mathematics (Fulbright/Smith Mundt scholar, 1960; M.S., Michigan State University, 1962). Joined IBM in 1962. Has been engaged in the simulation studies of computer-controlled communication and information retrieval systems. Currently an Associate Engineer.

Raymond D. Villani

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

Mathematics (B.S., Fordham University, 1951). Research Center, Burroughs Corporation. Came to IBM in 1956. Simulation, sort and merge packages, information retrieval. Special-purpose assembly programs, diagnostic and trace programs. Currently Manager, Simulation and Programming Group, Experimental Systems Department.

Barbara D. White

Corporate Headquarters, Systems Research Institute, New York, New York.

Mathematics (M.A., University of Michigan, 1957). Joined IBM programming systems group in 1957. Designed and programmed compiler projects for the 650 and 7070. Manager, 7040/7044 IJOB Processor. Presently, Mrs. White is a Staff Member of the Systems Research Institute.