

Authors

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B.S.E.E., University of Washington, 1953. Joined IBM in 1953 and most recently has worked with the cryogenics group at Military Products Division, Poughkeepsie, N. Y., in the application of low-temperature techniques to computers. Had assisted in development of core memory for the SAGE computer and had worked in the advanced component development group and in the electrical laboratory.

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Graduated 1921 from Schweizerische Handels Hochschule, St. Gall, Switzerland. Joined IBM in 1941 and is presently engaged in information retrieval research with the Research Center, Ossining, New York. Has worked also on decision circuit design logic, binary arithmetic systems and switching devices, a method of

optimizing switching circuits, and addressing schemes for random-access memories. Member of IRE, ACM, AAAS, ADI, and the Literature Division of the ACS.

Joseph M. Sarley

Started with IBM in 1937, and has worked as an electronics designer, developing such machines as the first electronic sorter and electronic collator; was co-inventor of the card programmed calculator. Is manager of the Special Products Engineering Department at Endicott, in which special features, as well as special machines, are designed and developed, including optional features for the Type 650 magnetic drum data-processing machine. In addition, he co-ordinates the efforts of the radio interference control program. Obtained Class A amateur radio license in 1934 and is a member of the American Radio Relay League.

Edwin J. Smura

B.S.E.E., Syracuse University, 1951. Joined IBM in 1954 and worked on SAGE system display consoles at Airborne Computer Laboratory. Was later transferred to Product Development Laboratory in Endicott and has been engaged in development of cathode-ray-tube applications.

Richard Taylor

B.S.E.E., 1934, and M.S.E.E., 1937, Massachusetts Institute of Technology. Was later an instructor at MIT, where he also worked on design of differential analyzer. Joined IBM in 1951 and has worked at Military Products Division and the Medical Equipment Department. His development work has included Braille readers and embossing machines, and high-speed electronic accounting machines. Is Manager of Development Engineering at Endicott for automatic production recorder system. Member of AIEE, American Ordnance Association and Sigma Xi.

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B.A. with high honors, 1950, Clark University; M.A. in Physics, 1952 at Columbia University. Is now finishing a Ph.D. in Physics at Columbia. Worked at IBM Watson Research Laboratory, 1954-1955 on preparation of high-purity single-crystal germanium. Now at RCA Laboratories, Princeton, N. J. Member of Sigma Xi and of American Physical Society.

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