

Daniel L. Slotnick

Significant developer of the concept of the processor array.

Slotnick developed the concept of the processor array from his time with the IAS project with von Neumann. Whereas von Neumann could not accept the concept, Slotnick developed the idea into the SOLOMON scheme, which eventually evolved into the ILLIAC IV at the University of Illinois. However, funding restrictions only permitted the construction of a small portion of Slotnick's scheme.¹

BIBLIOGRAPHY

Biographical

MacKenzie, Donald, "The Influence of the Los Alamos and Livermore National Laboratories on the Development of Supercomputing," *Ann. Hist. Comp.*, Vol. 13, No. 2, 1991, pp. 179-202.

Slotnick, D.L., "The Conception and Development of Parallel Processors-A Personal Memoir," *Ann. Hist. Comp.*, Vol. 4, No. 1, Jan. 1982, pp. 20-30.

UPDATES

Slotnick was born in 1931 and died in 1985 (MRW, 2012)

¹ See biography of John Pasta.