

File - Multics M/c



Massachusetts Institute of Technology
Information Processing Center
Cambridge, Massachusetts 02139

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APR 12 1972
J. H. SALTZER

April 10, 1972

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Pollen

Mr. L. K. Pollen
Communications Switching Systems
Dept. 622
Electronic Systems Group
GTE Sylvania, Inc.
77 "A" Street
Needham Heights, Mass. 02194

Re: International Switching Symposium, June 5 - 9, 1972

Dear Mr. Pollen:

The M. I. T. Information Processing Center will host a tour for the ISS-72 as requested and arranged through Prof. Peter Elias. However, in view of the complex facilities arrangements and personnel time involved, we suggest that it be held for only one day, preferably on Wednesday, June 7, 1972, from 2:00 p. m. to 5:00 p. m.

Based on that assumption the following describes the program which will be offered.

TOUR M. I. T. Information Processing Center

This Center is the centralized computing facility on the M. I. T. campus serving academic, research, and administrative users. In addition to providing traditional batch processing services, the Center also provides access through a switched network, to three major time-sharing computing systems. These time-shared systems are:

1. MULTICS - Multiplexed Information and Computing Service implemented on a Honeywell G645. This system was developed in conjunction with Bell Telephone Laboratories, General Electric Company, and M. I. T.'s Project MAC, an interdepartmental laboratory for Computer Science. The research is now a joint Honeywell/M. I. T. project.

2. CP/CMS - CP is a control program developed by I. B. M. 's Cambridge Scientific Center and implemented on a 360/67 computer. This system in addition to providing general purpose time sharing under the CMS monitor also allows for the virtual machine capabilities of simulating other I. B. M. 360 environments for research and subsystem development.
3. CTSS - Compatible Time Sharing System was developed at M. I. T. and implemented on an I. B. M. Model 7094 computer. It, in many ways, is considered the "father" of time sharing and was the basis from which the MULTICS system was developed.

Tour of the facility will include technical presentations and demonstrations of the systems described.

Time: Wednesday, June 7, 1972, 2:00 p. m. to 5:00 p. m.

Place: M. I. T. Information Processing Center
Bldg. 39, Vassar St., Cambridge, Mass. 02139
Room 400

Program: General overview of Time Sharing at M. I. T.
Mr. R. C. Daley

Problems of using a Telephone Switch for Time Sharing
Prof. Jerome Saltzer

CP/CMS - Time Sharing
Mr. A. Craig Franklin

MULTICS - Time Sharing
Mr. Thomas H. VanVleck

Mr. L. K. Pollen

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April 10, 1972

We would appreciate anything that can be done so that we stay within this general framework and feel reasonably assured that we can provide a meaningful and rewarding experience to ISS-72 registrants who elect this tour.

Sincerely,



Weston J. Burner
Director

cc:

Daley, R. C.

Franklin, A. C.

VanVleck, T. H.

✓ Saltzer, J.

Elias, P.

Ryan, L. J.

P. S. For every one's convenience, please limit the group to 25 or 30.