



HOTLINE

PRINCETON PLASMA PHYSICS LABORATORY

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HAROLD FURTH NAMED NEW PPL DIRECTOR

On Friday, October 24th, Princeton University's Board of Trustees announced the appointment of Harold P. Furth as the next Director of PPL. Dr. Furth, PPL Program Director and Professor of Astrophysical Sciences, will succeed Dr. Melvin B. Gottlieb when Dr. Gottlieb retires January 1.

Dr. Furth, who earned his B.A. and Ph.D. at Harvard, joined the staff of the Lawrence Livermore Laboratory in California in 1956. He came to PPL in 1967, where his theoretical and experimental work have led to significant advances in the understanding of plasma physics.

Dr. Furth received the E.O. Lawrence Memorial Award in 1974 for his contributions in atomic energy, and is a Fellow of the American Physical Society. He is also a member of the National Academy of Sciences.

Provost Neil L. Rudenstine, coordinator of the six-month search for a new laboratory director, said Furth had been selected from a field of 50 candidates from universities, research institutes, government and industry throughout the nation and abroad.

According to Princeton University President William G. Bowen, "We are extremely fortunate in having Harold Furth succeed Melvin Gottlieb as director of PPL. The laboratory has done out-

standing work under Professor Gottlieb's direction during the past decade, and I know that Professor Furth will be an extraordinarily effective leader as we look toward the 1980's. He is a superb scientist and is one of the chief architects of the nation's program in fusion research".



Harold P. Furth

After-Hours Log

The recent installation of a card entry system for after-hours access to the laboratory eliminated the need for the log in-log out procedure at the Security Desk. Some employees have requested reestablishment of the log, however, in order to confirm their entry and exit and to provide Security with

verification of the presence of people in various buildings.

Therefore, a log will again be available at the Security Desk for voluntary use. Those who choose to check in are asked to be certain to log out when they leave.

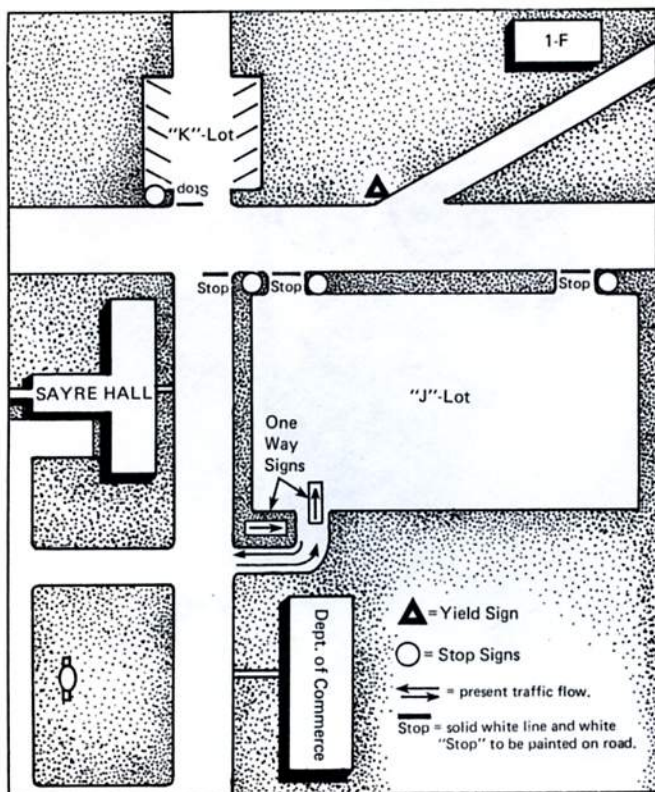
Sign Relocation

In an effort to ease traffic flow in the area, the traffic sign pattern in the vicinity of Sayre Hall will be altered in the near future.

Stop signs will be installed at two exits to the "J" parking lot, which is located across the street from Sayre Hall. The entrance to the "J" lot closest to the Commerce Building, currently open to two-way traffic, will be made a one-way street.

Stop signs will also be installed on the corner directly across from Sayre Hall, and on the road leaving the "K" parking lot. A yield sign will be placed on the road leading into the Sayre Hall area from Building 1-F.

The changes are a result of an August traffic flow study of the area by the Security Department. The new traffic signs are indicated on the map printed below.



Courses Begin

Two courses for engineers or physicists being offered at PPL by the New Jersey Institute of Technology will start at the end of the month.

One course, Discrete Systems, will begin October 31 and will continue on Fridays from 2 to 4 p.m.

for 14 weeks. Classes will deal with the fundamental aspects of discrete signals and systems, including state-variable representations; the Z-transform; frequency-domain analysis; sampling in continuous systems; discrete Fourier transforms; introduction to digital filter design; and classical sampled-data control system design methods.

The second course, Power System Steady-State Analysis, will cover steady-state analysis of power system networks, particularly real and reactive power flows under normal conditions and current flow under faulty conditions. It will be offered from 12 to 2 p.m. Thursdays beginning Oct. 30.

For further information concerning either course, contact Larry Holpp in the Personnel Office, ext. 2401.

Check Cashing

Employees who find themselves short of cash can now get up to \$15 by cashing a check at the receptionist's desk in the LOB lobby.

Personal checks should be made payable to Assistant General Accounting Manager Harold Phelan for a maximum of \$15. Checks will then be cashed upon presentation of a campus identification card.

The same rules apply at the Accounting Department, Building 1-E, where checks may be cashed in Room 104.



Laboratory Director Dr. Melvin Gottlieb shared his thoughts on present and future developments in fusion research with Secretarial and Office Support Staff personnel last Tuesday. Dr. Gottlieb was the featured speaker in the group's seminar series.