



Formation Of MIT School For Advanced Study Announced; Institute Professor Martin Buerger Named First Director

Three MIT Schools Will Share Faculty, Use Same Facilities

MIT's new School for Advanced Study will not bring about any radical changes. It will, rather, serve to encourage the existing situation, pointed out by Professor Martin J. Buerger, the first director of the new School. The Institute School differs from Princeton's ivory tower Institute for Advanced Study, in that it will be integrated into the MIT community, sharing the same faculty and facilities as the undergraduate and graduate schools.

In the past, post-doctoral students applied to individual professors asking permission to study with them. Although most professors welcomed such students, the burden of class schedules and other work cut down the time which they could afford to give.

The School for Advanced Study will help to relieve this burden. Applications for advanced study will be handled by the Directors office which will act as intermediary between the applicants (who will receive the title of Fellows of the School for Advanced Studies) and the professors with whom they wish to work. This will facilitate reappropriation of the professors' time.

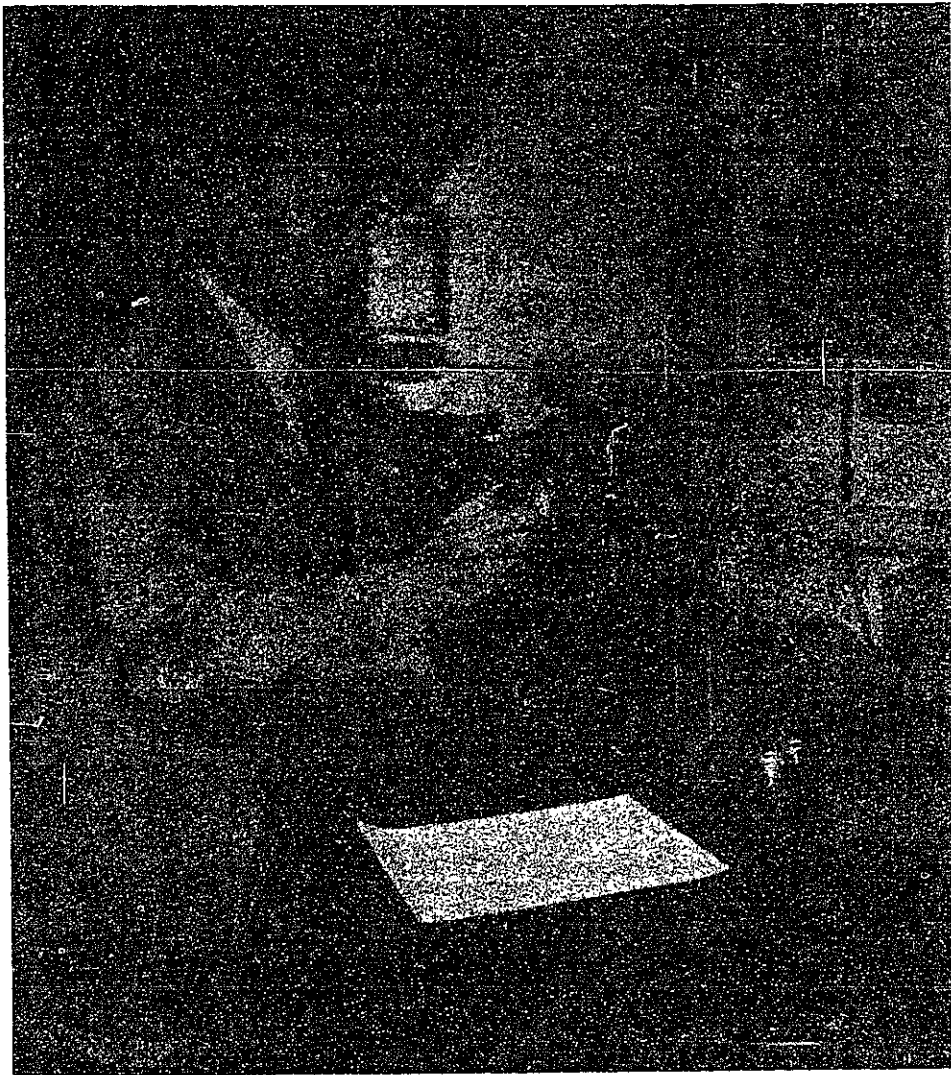
Probably to become a "Fellow", the student will not be asked to pay tuition, although Institute funds are not now available for post-doctoral fellowships and, according to Professor Buerger, none are planned for the immediate future. Financial support will usually come as in the past, in the form of independent grants made directly to the individuals. At the present time none of these grants will be channeled through the office of the director of the new school, but, Professor Buerger pointed out that

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Harvard Quintet Edges Beavers In Last Minute Of Play, 60-59

The varsity basketballers dropped a heartbreaker to a steady Harvard quintet in Rockwell Cage Saturday night, 60 to 59. Coach Scotty White-law's five played spirited ball all the way, but superior defensive work on the part of the Cantabs spelled the difference as high-scoring co-captain Des Vergun was held to 13 points. A record crowd, estimated at 1000, watched as Harvard sank the first basket and held the lead until the latter part of the second half, when it changed hands eight times over a period of seven minutes.

After Tech took the opening tap, it was over a minute before the visitors' high scorer, forward Phil Haughy, sank a hook from eight feet out to open up the scoring. The Cantabs maintained a small lead until after about five minutes of play, when Haughy hit on a jump from eight feet and guard Bob Hastings swished two sets from 25 feet to open up a commanding 15 to 7 lead. The Beavers were right back in the game a minute later as Vergun sank a rebound, and forward Mac Jordan bucketed a jump from 10 feet and two free throws. The beginning of the game was marked by good rebounding for the Techmen by high scorer Norm Howard along with Vergun, as well as the visitors' far superior shooting percentage. The remainder of the half was much like the first



Professor Martin J. Buerger, Director of MIT's New School For Advanced Study.

Date With "Miss Massachusetts" Prize In Freshman Class Raffle

As a means of raising funds for various expenses, the Freshman Class is conducting a raffle, the winner of which will receive an all expenses paid date with Miss Virginia Maffucci, Miss Massachusetts in last year's Miss America contest.

Miss Maffucci, a resident of Watertown, Massachusetts, won the National Talent Award in the Miss America contest. She is presently appearing on local radio and television programs, and attends Staley College where she is studying speech and dramatics.

The drawing, which will be held Saturday evening, January 14, will take place at the conclusion of a gala show scheduled to begin at 8:00 p.m. Master of Ceremonies for the evening will be Professor William Greene of the Institute's Humanities Department, who will give a lecture entitled *A Date with an Angel*, the theme for the entire program. Also included in the program are: a skit by the members of Voo Doo; songs by the chorus of Phi Gamma Delta Fraternity; an appearance by the Ugly Man on Campus; some songs by Miss Carol Behrens, who has appeared on several television shows in New York and who is now in her third year playing the leading female role in Tech Show. Miss Maffucci will perform the same monologue with which she won the National Talent Award. Music will be supplied by a student band.

Undoubtedly many people will wish to attend merely to see the show, and not to win the date. Those desiring to enter the drawing will place their stubs in a separate box. Fifteen stubs will be chosen from this box, and the final winner will be drawn by Miss Maffucci herself. The fourteen runner-ups will receive autographed pictures of Miss Maffucci as consolation prizes. There is no limit to the number of tickets one may purchase.

Tickets are on sale through this week in a booth in Building 10 during school hours. In addition, the tickets priced at fifty cents each may be purchased from Freshman Council Members. Tickets will also be sold at the door.

A picture of Miss Maffucci appears on page 3.

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Dr. Killian Announces New School At Corporation New York Banquet

Establishment of a School for Advanced Study at the Institute was announced last Wednesday by President James R. Killian, Jr.

The new school will provide means by which post-doctoral scholars from all over the world can join with the Institute faculty in high-level theoretical studies and research. Dr. Martin J. Buerger, professor of mineralogy and crystallography, has been appointed director.

The announcement was made at a dinner at The Waldorf-Astoria given by the MIT Corporation for 1,500 guests, including many alumni. Tribute was paid to the late Karl T. Compton, former president of the Institute, by Dr. Killian and the other speakers, Robert Cutler, Boston, consultant to the National Security Council, and Rober E. Wilson, Chicago, chairman of the Standard Oil Company of Indiana. Mr. Wilson, a member of the MIT Corporation and for 54 years a close friend of Dr. Compton, told how his leadership brought the Institute into pre-eminence in science as well as engineering.

Importance of Post-Doctoral Study
The new school will formalize opportunities for advanced study which are already available, Dr. Killian said.

"The advance in knowledge makes it increasingly important for scholars to pursue study beyond the level of the graduate school and the doctor's degree," Dr. Killian pointed out. "In fact, the advancement of American science particularly requires more post-doctoral study and research in our educational institutions.

"In its initial embodiment the school will be simply an organizational entity, but we hope ultimately to provide a center and adequate housing for fellows and guests and by this means to gain the advantage of cross stimulation of ideas which

occurs when learned and ingenious men are brought together into close social contact."

Interchange of Ideas

Dr. Buerger, who was present at the dinner, said that ordinarily visiting scholars do not enroll in courses or seek degrees, and are not asked to pay tuition. The majority are supported by fellowships or grants.

"We welcome such scholars and believe we can be of greater help to them by establishing the new school," said Dr. Buerger. "Much can be gained in science and engineering through the interchange of ideas. Close association and intimate discussion between men in the same field of research, or in different fields, can be productive of new insights.

On Campus Facilities

"By establishing a school, we will be able to bring the scholars closer together and closer to members of our own faculty. Special programs can be arranged for them and arrangements can be made for them to meet in informal conferences. Plans for a special on-campus housing unit for visiting scholars are being considered."

The school's special staff, to begin with, will consist only of the director and a secretary. Dr. Buerger, who will assume the office of director July 1, has been at the Institute since 1920, when he came as a student. He has been on the staff since 1925 when he was appointed a teaching fellow. He became a full professor in the Department of Geology in 1944 and is now chairman of the Institute faculty.

In connection with his appointment to head the School for Advanced Study, Doctor Buerger has been appointed an Institute Professor, the third man to hold the title at the present time.

First Annual Carnival March 10 To Benefit Eight Student Charities

World University Service will be one of eight charities to benefit from the first annual MIT Charities Carnival. Created by Institute Committee last year to replace the old WUS Carnival, the Charities affair will be the single function of its kind to raise money for various student charities.

Scheduled for March 10, this Carnival will be very much similar to the WUS Carnivals. Dormitories, Fraternities and activity groups will be asked to build booths. To stimulate interest in these groups the Carnival Committee, headed by Phil Speratus '56, has arranged to provide groups from local girl's schools to work with each group that so desires. The groups will work together in planning, building and running the booths.

Popular in the past, the Carnival has appealed to the ingenuity of the Engineer serving as an outlet for the bizarre ideas which are apparently a by-product of technical education.

Mechanically the booths will center about a main prize booth. Tickets, good at any of the booths, will be on sale. Winners at the individual booths will receive prize tickets which in turn may be exchanged for a variety of prizes on a system much like a

Times Square Penny Arcade.

Special awards will go to the most original booth, the most successful booth and to the top prize ticket winner. Perhaps the most appealing part of the Carnival is the appearance of Professors in humiliating positions varying from the operation of shoe shine stands to three-legged races.

The Carnival Committee will run a poll in the lobby of Building 10 to pick the faculty members who will be asked to participate and to gather ideas to help in planning the stunts. Traditionally the Carnival has proved to be one of the few occasions for students and faculty to meet on equal terms with hair down. The present Carnival will be the only Institute appeal for help for the various charities.

Normally, MIT receives a number of requests for worthy student charities. No money is available for appropriation. With the World University Service, the National Scholarship Fund for Negro Students, the Foster Parents Plan for War Children and several others will benefit. Of particular interest is a college in Africa taught by a recent MIT graduate. Carnival raised funds will reach this Institution through allocations from World University Service and CARE.