

## Registration tonight

# 600 guidance counselors to attend conference here

About 600 high school guidance counselors will register for MIT's eighth annual Guidance Conference this evening. The counselors, representing schools spanning the entire United States, are here to attend receptions, lectures, and seminars.

According to Mr. Eugene R. Chamberlain, Associate Director of Admissions, the conference is intended to familiarize the counselors with the MIT curriculum, admissions policies, and student affairs. It is financed by the Institute.

### Registration at Sheraton

Registration for the Conference takes place tonight at 10 pm at the Sheraton Hotel. The program closes Friday evening. MIT officials will speak Thursday morning at the opening session in Kresge Auditorium's Little Theater. The program will begin with a welcome from Charles H. Townes, provost. Roland B. Greeley, Director of Admissions, will preside over talks delivered by representatives of MIT's five schools, cumulatively entitled, "A University Polarized Around Science."

A luncheon, sponsored by the MIT Athletic Department, will take place at the duPont Athletic Center. Guests will dine with MIT students from their respective areas.

After special meetings and a general session, five MIT professors will speak on "New Approaches in Teaching." Professors addressing the session are: Amar G. Bose, Associate Professor of Electrical Engineering; Nathaniel F. Frank, Professor of Physics; Roy Lamson, Professor of English; Hartley Rogers, Jr., Associate Professor of Mathematics; and, presiding, Jerrold R. Zacharias, Professor of Physics. The day closes with a reception at President Stratton's house and dinner at the MIT Faculty Club.

### Advanced Education Program

Friday morning, R. Philip Hugny, Director of Advanced Studies Program, St. Paul's School, Concord, New Hampshire, will lecture on the state-wide advanced education program in his state. Roland B. Greeley will speak on admissions processes and require-

ments, and Kenneth R. Wadleigh, Dean of Student Affairs, will describe guidance at MIT, Richard W. Willard presides.

Following a luncheon in the Campus Room of Graduate House, MIT's psychiatrist Dr. Benson R. Snyder will speak at an informal session, Eugene Chamberlain presiding.

### Admissions Discussed

Smaller, seminar-like groups will discuss admissions policies throughout the afternoon.

The conference closes with dinner at the Faculty Club and with Paul M. Chalmers, Associate Director of Admissions, presiding over an address by Humanities Department Head Richard M. Douglas. Buses return guests to the Sheraton Hotel at 9:30.

# Major academic changes asked

By Bill Judnick

The proposal that a quarter system be adopted with normal student loads of three equally weighted subjects per term is among the many suggestions found in the "Interim Report" of the Committee on Curriculum Planning to the Committee on Educational Policy. The report was distributed to Faculty members at the close of last term.

The committee, whose chairman is Professor Jerrold R. Zacharias, also went on record favoring:

1) A reduction in the number of specified core science subjects, in favor of the inclusion of elective subjects in both science and engineering, in the General Institute Requirements;

2) More flexibility in the freshman program to provide for differences in academic background, and the possibility of special engineering electives in the first year;

3) Project-orientated laboratory experience in the first two years, and explicit provision for free elective time in the last two years;

4) Advanced placement credit from high school

being retained in modified form, advanced standing procedures being altered, and overloading for credit being restricted;

5) The senior thesis becoming a departmental, rather than Institute, requirement; and that

6) A degree of Bachelor of Science without specification being awarded under appropriate circumstances.

### Depth presentation

Under the proposed quarter system, a normal load of three subjects per term would be established with three terms comprising the academic year. The maximum permissible overload with credit per term would be one subject. The unit of "term subject" would be adopted for measuring degree credit, 36 of which would constitute the degree requirement. All subjects would receive equal weight.

The Committee emphasized that the quarter system could be considered independently of the other proposals, and pointed out that most of the recommendations could be incorporated into the present two-semester year. The Committee believed, however, that the student would benefit from "in depth" study of fewer subjects at a time:

"At present it is necessary for the student to do many things simultaneously. Although the rigor and pace of the current MIT program is of value, the student is often prevented from immersing himself in specific areas and problems with the thoroughness that will be later required of him as a professional scientist or engineer."

### Core subjects

The committee recommended that the specific core requirements consist of one term of chemistry, three terms of mathematics, three terms of physics, eight terms of humanities and social science, and three terms of electives in science.

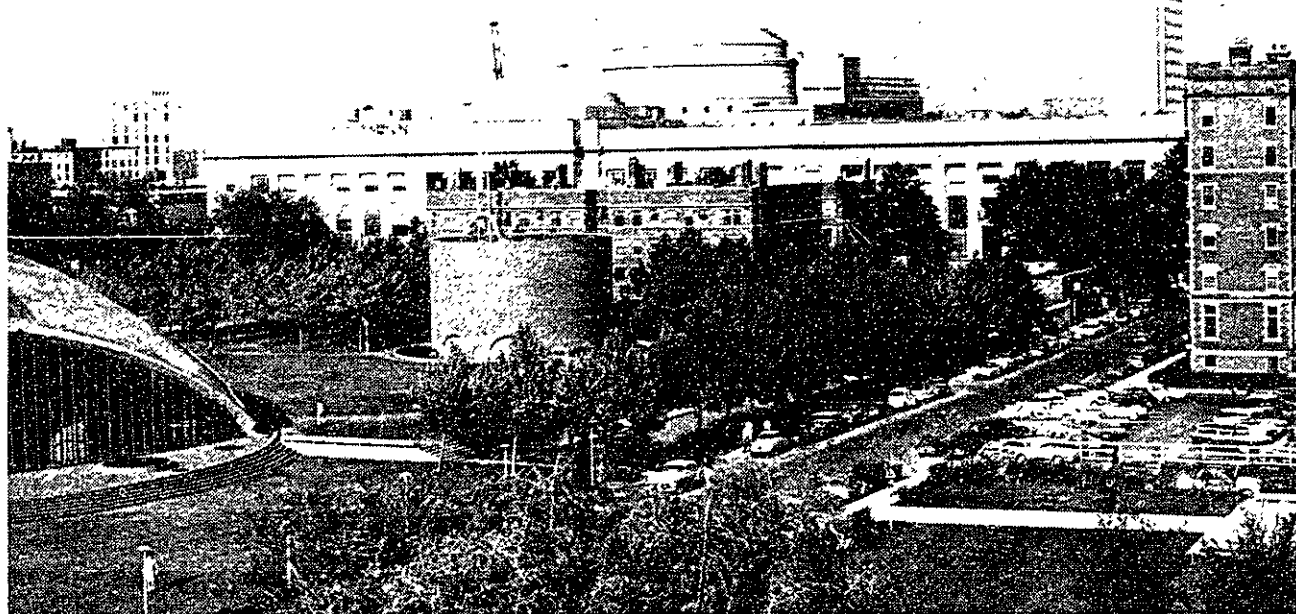
Although the number of humanities or social science subjects would remain the same, the proposed equal subject rating indicates that an MIT student would devote at least 25 percent more of his time to non-technical courses. The present eight hour subject would become the "term-subject" equivalent of a ten hour course.

Science electives would be chosen from the following disciplines: applied science, chemistry, earth sciences, life sciences, mathematics, and physics. Distributional restrictions have not been explicitly formulated as yet in the suggestions. The committee has recommended, however, that departments should be limited in the extent that they could influence a student's choice under their jurisdiction.

Three advantages of the more flexible core outline were cited in the report: an intelligent

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# The Tech



Vol. 83, No. 18 Cambridge, Massachusetts, Wednesday, October 9, 1963 Five Cents

## For East Campus, Bexley

# Frankel, Larkin new faculty residents

Both East Campus and the newly-converted Bexley Hall men's dormitory have new faculty residents this term. Professor Ernst Frankel is the new house master of East Campus, and Pro-

fessor Emmet J. Larkin is the first faculty resident of Bexley Hall.

Frankel, German-born assistant professor in the department of naval architecture, has been at MIT for three years. He received his BS and MA at the University of London, worked in Israel for a shipping firm, and came to MIT in 1959, to earn his engineering degree.

One of his aims as house master is to get more residents to participate in activities. He pointed out that at least half of the East Campus residents don't participate, "they more or less crawl into their little mole holes."

Frankel succeeds Lt. William Curry as East Campus faculty resident.

Larkin, an assistant professor in the Humanities Department, received his BA at the University College of New York University. He earned his MA and PhD at Columbia University, and spent one year at the London School of Economics on a Fulbright award. Before coming

to MIT three years ago, he was an instructor at Brooklyn College.

Apartments, according to Larkin, have advantages over dormitories, such as privacy and more freedom in choosing congenial roommates.

The men at Bexley "have a tendency," according to Professor Larkin, "to see the least government as the best possible."

They have organized a committee system characterized by "informality" and "minimal government."

## Killian speaks

# Fund, professorship announced at McCormick Hall dedication

The endowment of a professorship for women and the establishment of a fund for inviting distinguished women scholars to MIT was announced by Dr. James

R. Killian, Jr., Chairman of the Corporation, at the dedication of McCormick Hall on Monday afternoon.

Edwin F. Webster and Mrs. Abby Rockefeller have established the fund. Mrs. Mauzer has endowed the professorship.

The dedication ceremony took place in the courtyard of MIT's first on-campus residence for women. Guests of honor were: Dr. Killian; President Julius A. Stratton; Mrs. Stanley McCormick '04, donor of the Hall; and Mrs. Karl T. Compton, widow of the past president of MIT.

In presenting the dormitory Mrs. McCormick referred to the edifice as "a dream-come-true." Accepting for both the Corporation and the students, Dr. Stratton stated that the Hall is a confirmation of MIT's commitment to the education of women.

# Technical material stressed in revised reading course

A developmental reading program placing emphasis on technical material will begin October 14. Mr. George Gibson, Director of the Division of Audio-Visual Education at the Harvard Business School heads the course.

Mr. Gibson directed a developmental reading program at MIT last spring which concentrated equally on improving reading speed and comprehension.

## Tech Coop refunds ready October 14

\$115,000 in Patronage Refunds will be distributed to the MIT community by the Harvard Cooperative Society, October 14. This is 20 per cent of the total \$570,000 to be available at Technology and Harvard Stores. Checks not picked up will be mailed out beginning November 1. The patronage refund is being paid on total sales of \$9,210,000 for the past year.

The total membership of the Society is 46,600. The Technology Store has 12,200 members, with 6,600 of these students. The patronage refund is being paid on total sales of \$9,210,000 for the past year.

This year the course will examine more technical material. This plan of approach was suggested by an evaluation of the program by the Student Committee on Educational Policy.

According to Warren Anderson '65, member of the SCEP evaluation committee, over seventy per cent of the students who took the course last year expressed satisfaction.

The course is strictly voluntary and carries no credit. The all-inclusive fee for the program is twenty-five dollars.

Payment of the twenty-five dollars should be made to the Cashier's Office.

Two sections of the course will be offered: 3-3:55 and 4:05-5 pm, Monday, Wednesday and Friday. All students enrolled in the course should report to the first section meetings, October 14, in 4-270.

The enrollment for the program is limited to 150 students, 75 in each section.

Questions concerning the developmental reading program should be directed to William Speer, Associate Dean for Student Counseling, or his secretary, Mrs. Leland in 7-133, ext. 4861.

## Hans Ziegler, visiting professor for 1963-64, is a leading authority on theoretical mechanics

Dr. Hans Ziegler, a leading authority on theoretical mechanics, will spend the 1963-64 academic year at MIT as the Jerome Clarke Hunsaker Visiting Professor in Aeronautical Engineering.

Dr. Ziegler is professor of technical mechanics at the Eidgenossische Technische Hochschule at Zurich, Switzerland. He will be on leave of absence from that institution to teach and do research at MIT during the coming year.

Dr. Ziegler's broad interests in theoretical mechanics cover gy-

roscopics, stability theory and plasticity, with particular concern for the engineering application of theoretical mechanics.

More recently, Dr. Ziegler has become interested in irreversible thermodynamics. A paper he presented before a congress in Berlin in 1962 is considered an important milestone in development of theory dealing with such irreversible processes.

He is the author of several technical books dealing with mechanics.