MIT Hosts Mock Summit Meet
Berlin Crisis Faced By Delegates

A two-day summit meeting, designed to present the evening May 2 and 3 was held in the Executive Committee, was held on the campus, MIT, Har.

Berl., and Brookline partip.

The main event of the Phi Kappa Theta's Phi Kappa Theta

The Phi Kappa Fraternity will be

on attendance at midnight.
The Phi Kappa Fraternity is the result of the

Phi Kappa Theta

The Phi Kappa Fraternity will be

East Campus Day Is Wet and Noisy; East Wins Games

Shorries of multiracial, plans, water basins once again marked the

A beautiful day was held April 26 in Maybrook, N.Y.

Waiting in Line for Comptons

the 3rd ITF

Election of new ITF members is based on Ability, scholastic achievement, and character. The new ITF members met with the new ITF members at the end of the week to discuss the upcoming events and how to contribute to the team. The new ITF members are excited to take on their new roles and work towards the common goal.

NSA Congress Delegates Named To Attend Summer Conference

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Disregard of Responsibility

With only one dissenting vote and ten minutes of debate, the Institute Committee has "tabled indefinitely" a motion to...
The April issue of Tech Engineering News is on sale in The Coop this week.

G. L. FROST CO., INC.
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TECH COOP

The Tech

The new Arrow FREE-WAY puts "action" in a shirt...

Here's a knitted shirt just made for active sports (and lounging around, as well). The feather-light, mesh-
knit fabric is bias-cut for perfect freedom in any position. The back, cut longer than the front, lets the
collar fit your neck just right. In a variety of shades to match or coordinate with your summer sportswear: $4.00.

ARROW
first in fashion

THE TAREYTON RING MARKS THE REAL THING!

HOW THAT RING GETS AROUND!

Tareyton

HERE'S WHY TAREYTON'S DUAL FILTER FILTERS ARE NO SIMPLE FILTER CAN:

1. it contains an additional pure white paper filter...
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THE REAL THING IN MILDSMOKES... THE REAL THING IN FINE TOBACCO TASTE!
New Dual Filter Tareytons are fast becoming a big smoke on U.S. campuses! Just take a look. You'll see. And why are they so popular? Just take a puff. You'll see.

NEW DUAL FILTER Tareyton

Product of The American Tobacco Company - Tobacco is not widely used
Heavy Crews Lose Three Races; Lights Bow to Harvard, Middies

Three Engineer heavyweight crews made their 1895 debuts in intercollegiate competition and all placed third behind Harvard and Syracuse in Saturday's regatta at the Charles River house.

The Cantabs pulled out early and led all the way to victory, MIT, in second place, 1½ lengths down at the Harvard Bridge, yielding to a powerful Syracuse challenge and finished five lengths behind the Crimson, three inches of the Omegans, MIT was timed in 2:10.4, nearly 18 seconds off the winning time and 30 seconds slower than last year's mark.

Second at the bridge, the Beaver junior varsity slotted in the final 3-4 mile and wound up third, four lengths behind the pace. Syracuse, missing its bid late in the race, finished nine seconds behind Harvard's 9:25 victory.

The Engineer fresh, distanced by a 15-lengths at the side, edged in the final mile to the Orange house. Wednesday they treasured Arrow by four lengths.

Lights Improved

MIT's varsity lightweight showed some improvement over last week but bowed to Harvard and Navy in a triangular regatta at Annapolis on Sunday, Posey and Bill Widnall '59 at the helms of the Navy dinghies.

By Wildcats

A mighty MIT lacrosse machine was held to one tally in the second half against St. John's, the Engineers out in front again on a beautiful pass from Chuck Conn '60 at 6:03 of the first quarter. However, the Wildcats picked it up and tied the score before six more minutes had elapsed. Eckberg took another toss from Center, for the third goal with UNH a man down and then he passed out to Neil Fitzpatrick '60 in front for the fourth.

Using four midfields rather than the three that Tech must use, the villains tied the strength to run the MIT lining up to the ground after the initialism. Pratt scored of 7:22 after fine saves by Engineer goalie, Phil Frink '60, and the Wildcats dropped back on defense restoring very closely, outrunning and outmaneuvering a titanic Engine squad. UNH added an insurance point at 6:58 of the last quarter.

The visitors struck for three unanswered tallies in the final four minutes of the second quarter. However, the Beavers came back and tied the score before six more minutes had elapsed. Eckberg took another toss from Center for the third goal with UNH a man down and then he passed out to Neil Fitzpatrick '60 in front for the fourth.

Golfers Win Match; Rosenfeld Leads Way

Shooting Brilliant 68

Bob Rosenfeld '59, varsity golf team captain and number one man, fired a scoring championship 68 Saturday afternoon at the Oakley Country Club to lead his teammates to a 3-2 victory over Springfield, one of the Engineers' two opponents in the triangular event. Against the third team, Coley, the Bears lost 6-1.

Other Tech winners against Springfield were Gary Blanchard '59, first team; Ken Thompson '59 and Joe Schutz.

The visitors will have the opportunity to race MIT in track, baseball, tennis, and tennis on Briggs Field, and the heavyweight and lightweight crews will be racing on the Charles River.

In addition to the varsity contingent, Tech will be represented by freshman teams in cross, lacrosse and track.

Baseball Team Downs Bates 4-1

The varsity baseball team triumphed 4-1 in a well played contest at Briggs Field last Saturday afternoon. The Engineer nine collected only six singles in the game, but were helped by placing better than Bates.

The visitors scored in the bottom of the third inning to gain an early 1-1 lead. In the top of the fourth, the deficit was erased without a base hit. Five walks by the Bobcat hurler gave the Engineers two easy runs. In the next frame, as Hurl Par- macke '59 singled, stole second, and scored on a clean blow by Warner Goodnow '50. The Teckmen matched their number in the sixth inning on base hits by Neil Fitzpatrick '50.

Six Varsity Teams Compete Here Sat.

Variety competition in six sports will be held on Briggs Field and the Charles River this Saturday afternoon during the Open House at the Institute. Students, their parents, and visitors will have the opportunity to see MIT in action in track, baseball, tennis, and tennis on Briggs Field, and the heavyweight and lightweight crews will be racing on the Charles River.

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The Tech
Open House 1959; 25,000 Are Expected

Vol. LXXIX No. 17
Cambridge, Massachusetts, Friday, May 1, 1959
5 CENTS

Weiner New Institute Professor; Joins Select Group of Four

Robert Weiner, former mathematician at MIT, was appointed an Institute Professor Thursday.

Dr Weiner, a member of the Department of Mathematics here for forty years, now becomes one of four Institute Professors whose advanced teaching and research are carried on without regard to departmental boundaries.

"This distinguished academic post, which recognizes outstanding achievement and breadth of interest, is one for which Dr. Weiner is admirably qualified," Prof. John A. Stratton said of the appointment.

To Publish Book

Dr. Weiner, who entered Tufts College when he was only 11 years old, and received a B.A. from Harvard when he was 18, disclosed that, at the age of 44, he is about to publish his first novel publisher.

Titled "The Toxope," the novel is a modern adaptation of the Faust-Mephistopheles legend, dealing with science and the human spirit.

Among the speakers for the conference will be Dr. O. R. Loomis, vice-president and director of the Econometrics Department, McGraw-Hill Publishing Company, and Dr. Julius Stratton, President of MIT.

Sloan Fellows Meet At MIT; Conference First of Two Here

Business executives who have studied at the school of Industrial Management will return this spring to MIT for two conferences on "Management in an Era of Dynamic Technology."

The first of the conferences is a reunion of Sloan Fellows, April 25-May 1. The Sloan Fellows are young executives in their thirties who spent a full year at MIT taking advanced work in industrial management. There are now 25 Fellows in residence, and many of the 596 who have participated in the program in previous years are returning for the conference.

New developments in business and technology occur so rapidly that the former Sloan Fellows and the Senior Executives find it of immediate help to return to MIT, to keep themselves in touch with new academic research and to exchange views among themselves," said Dean E. P. Brooks of the School of Industrial Management.

Among the speakers for the conference will be D. O. Keiser, vice-president of Photochemical Analysis, Academic Science, and S. G. Stratton, Professor of Industrial Management.

In 1956, Dr. Weiner was elected a fellow of the American Association for the Advancement of Science, and in 1957, he was awarded the May Department of the American Institute of Electrical Engineers.

Wilson's study of the interaction between the human brain and the electronic computer is a valuable contribution to the field of mathematics, and will be of interest to all those concerned with the future of scientific research.

Brain Wave Analysis

A leading scientific interest of Dr. Weiner is in the field of mathematical analysis of brain waves. The new techniques of analysis of brain waves are being used to study the electrical activity of the brain in normal and pathological conditions. The results of these studies have important implications for the treatment of neurological disorders and for the understanding of the mechanisms of behavior.

The first book on the subject, "Brain Waves," was published in 1957 and has since become a standard reference work in the field.

Open House 1959 swings into ac-

tion tomorrow at noon on the expec-
ted crowds of 20 to 30 thousand vis-
tors begin to arrive. On hand to greet the visitors will be more than 1000 MIT students, faculty, and administration, all of whom have been preparing for Open House day for more than three months.

Under the direction of a joint stu-
dent-faculty-administration commit-
tee, all of the Institute's depart-
ments and offices will be out to show the public what goes on at MIT that makes it the famous institution that it is.

Visitors are expected from all over New England, and parents of Tech students will be here for the day.

Although many special exhibits are planned, most of the "binks" are simply a showing of what goes on within the Institute's walls every day of the year. Labs will be open, machines and equipment running, and in many cases MIT will be as busy as it usually is.

Plans Began in February

Plans for Open House 1959 began several months ago when the Insti-
tute's Committee appointed Co-Chair-
mens for the event, and an Open House Committee of students was named. A faculty-administration com-
mittee was added, and work began.

Each department within the Insti-
tute named a representative to the Open House Committee, and followed up with the naming of a student pro-
curator [these 400 people] to provide the (h) people helped provide the fu-
tion of the Open House Committee.

Case of three departments or groups, the departments who were planning for the day.

Most of the work of the Open House Committee itself consisted of coordinating the efforts of the de-
partments, and setting up a clearing house for such problems as two de-
partments wanting the same space at the same time.

With thousands of visitors arriv-
ing, Open House 1959 will be set up, Physical Plant's work sched-
ule for Open House consisted of more than five typewritten pages of in-
structions.

Student groups have moved their activities into the main buildings and into the school. The department for bigger numbers of people to see.

One of the objectives of the Open House Committee is to give non-institute people a look at the many things the Institute is. To this end, as many facets of MIT life will be brought out. Besides the departmental dis-
plays, student activities, musical clubs, and athletics are all being featured tomorrow.

Student Co-Chairmen of the Open House are Dave Gessner '59 and Linda Gessner '59, Members are Bill Streeter '61, Bob Cadorino '41, John Romano '42, Bob Reitz '59, and Alvin Lose '62. Chairman of the fac-
ulty committee is Dean Robert Holden.

MIT Opens Grounds; Summer Camp Here

MIT's recreational facilities, almost life during the summer months, will be opened to the public. In con-
sequence of all members of the school will be invited to call on the grounds.

Running from June 22 to August 15, the camp will be divided into four divisions, and the children between the ages of 6 and 15 will be housed in a comfortable and well-equipped camp. Swimming, boating, sailing, tennis, basketball, baseball, football, soccer, and a variety of outdoor activities are planned.

(Continued on page 8)
The Essence of MIT

To each of the thousands of visitors who will tour the Institute this summer, we extend a cordial welcome. We hope that you will wish to extend your visitary acquaintance to one of the many facets of MIT. We would like to think that you will, in some way, improvise your own visit through this

broadly in the back of your mind will be the feeling which comes from a knowledge of the world situation: a feeling of horror at the products of science and technology, and the case of the Second World War. Great stress of the earth’s population. Yet you must appreciate the wonder of the developments in medicine, in explosives, and in research which daily is making life more pleasant and more enjoyable for those who, except for these innovations, could face nothing but horror.

Out of this dualism of ideas, you must begin to appreciate the objective ways of science. As man proceeds to cope more nature and learn how to control it, these time will be made with the benefits, methods which could lead to destruction. This is the way progress has been since the discovery of fire. Science increases man’s potential, it makes life more pleasant and more enjoyable for those who, except for these innovations, could face nothing but horror.

With ever increasing industrialization and the accelerating growth of the body of scientific knowledge, an understanding of this technology is a vital and necessary goal for the leaders of the society of today and tomorrow. MIT, we think, realizes this and has adjusted its education to meet these needs. To walk through the halls, you will not see this. What you will see will make you think that we students are receiving excellent training in the objective areas. What you cannot see is the MIT education means to prepare the leaders of this country and of the world.

We would like to speak, for a moment, on this education.

A great number of graduates of this school do not go into pure science as engineers. MIT graduates will be consistently found among the leaders of industry and in other non-scientific walks of life. Indeed, the MIT education is not geared to produce excellent technicians. It is, instead, set up to produce men with a broad understanding of the ways of science along with a feeling for the problems which will face mankind in the next decade. The humanities program here hosts some of the best in men in their fields; MIT can compete with any Ivy League school for their professional staff. The Business School is rapidly attaining fame as one of the best in the country. All students are required to take at least 20% of their time in the humanities field; indeed one student.

Why does the school demand that this time be taken from the acquisition of scientific knowledge? Because it realizes its responsibility to society in this scientifically oriented world of today. That responsibility is to turn out individuals who have the gifts of what science is, for only with this understanding will they be able to make adequate decisions in other fields.

This, of course, is not to discuss the MIT graduates who wish to spend their life adding to the objective body of knowledge. The essence of this is that the MIT which many students do not fully understand is the MIT which is constantly striving, through its educational system, to fulfill its responsibility to mankind and to the future.

letters

Reasonable, Unfair, Dull

To the Editor:

In response to your editorial of April 28, concerning East Campus House, I would like to remind you that any person in college spends all his time doing reasonable and useful things, he leads a skillful unfolding his ability. After all, if undergraduate education is really necessary, and reasonable creatures, then one of the basic functions of a college education would be gone, and undergraduate schools as we know them today will have done.

With this view, I ask that such occasional bursts of immature action be tolerated, in the same manner that the occasional exclamation of a child The Tech was tolerated. As a matter of fact, to continue the analogy, if one-half the effort and time spent on journalism, then几乎 all the effort and time spent on

half notes

The MIT Concert Band will present a free concert to part of open house activities tomorrow. The performance will be at 5:30 P.M. in the Great Court. In case of inclement weather it will be given in Kresge Auditorium at the same time. The concert, in a somewhat traditional "Axe Ye School," will be followed by a reception. Also featured will be the MIT Glee Club, conducted by Mrs. Lepkoff, and the Log Rythms. Some tickets will be on sale at the door, with prices ranging from $3.75 to $8.00.

Kibitzer

North-South Vulnerable West Dealer

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Bidding: Opening Lead: Queen of Clubs at 1 Club Double 2 Clubs 3 Hearts pass 6 Hearts pass pass pass pass pass West’s opening club bid was what is known as a psychic bid or a “psych.” By playing a player tries to fool the opponents at the risk of getting his own partners into trouble. This type of bid frequently has the effect of keeping the opponents out of the right contract by causing them to lose out of the game, or possibly guiding them into an unmanageable contract. Psyches are frequently backfiring. South knew his partner’s double asked him to bid a major suit if he had one, and South also wished to show his point count. North’s six heart bid may have been overly ambitious, but he didn’t know his partner’s heart suit was so shoddy, and he didn’t want to be psyched out of a slam. With the opponents out of their rightful contract by scaring them out of the game, or possibly going them into an unmanageable contract. Psyches are frequently backfiring. South knew his partner’s double asked him to bid a major suit if he had one, and South also wished to show his point count. North’s six heart bid may have been overly ambitious, but he didn’t know his partner’s heart suit was so shoddy, and he didn’t want to be psyched out of a slam. With the opponents out of their rightful contract by scaring them out of the game, or possibly going them into an unmanageable contract. Psyches are frequently backfiring. South knew his partner’s double asked him to bid a major suit if he had one, and South also wished to show his point count. North’s six heart bid may have been overly ambitious, but he didn’t know his partner’s heart suit was so shoddy, and he didn’t want to be psyched out of a slam. With the opponents out of their rightful contract by scaring them out of the game, or possibly going them into an unmanageable contract. Psyches are frequently backfiring. South knew his partner’s double asked him to bid a major suit if he had one, and South also wished to show his point count. North’s six heart bid may have been overly ambitious, but he didn’t know his partner’s heart suit was so shoddy, and he didn’t want to be psyched out of a slam.
The Tech

Page 3

Rocket Society Shows Extensive Testing Facilities

The MIT Rocket Research Society, like most MIT activities, will participate in the Open House ceremonies by opening its facilities (Room M-205) to the public. The Society is considered to have the most extensive amateur rocket testing facilities in the nation. Among them are a machine shop, an exhaust test stand, and recording instrumentation. Several theses for Bachelor and Masters Degrees have been completed using these facilities. In addition, films of tests conducted by the members will be shown, along with the color film "Vanguard" in Room B-343 at 1:30, 2:15, and 4 p.m.

Later that same year, MIT permitted the Society to use a steel test cell which had been used in a former World War II guided missile program. This cell, in which the missiles are tested, is constructed of thick aluminum plate and is ten feet square and seven feet high, offering ample protection to the members. As the present time, motors of up to 500 pounds thrust may be accommodated on the test stand.

The effectiveness of the safety precautions taken (as illustrated by the fact that the Society has never had an injury or a serious accident) is made certain by the automatic control system, which is almost automatic at any position on the main line.

As President, Dr. Stratton is charged with the task of administration of the Institute's great scope of activities, which range from the selection of undergraduates to the great aims of national defense. And besides these administrative duties, he also has the great responsibility for "keeping a constant eye out" for the maintenance of MIT's position as a world center of science, technology, and culture in the future.

Dr. Stratton is a man eminently qualified for his position. He is a scientist, engineer, administrator, and community-minded citizen of the highest caliber. Himself a graduate of the Massachusetts Institute of Technology and engineer and physicist, he was one of the first to realize the potential of the atomic age by serving in Washington as a special assistant to the President of the Atomic Energy Commission.

In recognition of his service he was awarded the Medal of Merit by the Secretary of War in 1946, and a Gold Medal, awarded by the Secretary of the Navy in 1957.

As President, Dr. Stratton assures us: "President J. M. Killian, a figure of national stature in scientific and educational affairs, who has also been engaged in adjusting the rapid growth of the atomic age by serving in Washington as special assistant to the President of the Atomic Energy Commission.

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The Tech
FRIDAY, MAY 1

Electrical Engineering

The department of Electrical Engineering will open its labs to New Englander for the MIT open-house. Professor Harold K. Edgerton's Electroacoustic Lab and the Student Lab devoted to the use of radar are tracking and destroying a moving target will be featured. Computers is action will also be a main point of the Operation of the University.

Dr. Edgerton will demonstrate photoelectric effects, characteristic of Flash Lamps, and the results of high speed photography in room 4-405. A vision of the speed of light will be shown as well as the newest device in cameras, including one that has taken pictures 21,000 feet under the sea.

In the Student Lab in building 32, visitors will be able to track a moving target with radar and control a model gun. Also the use of cooking devices in chemical laboratory control will be displayed.

In building 10-397 other computer uses will be demonstrated, including the use of computers in the checkout equipment of various machines and the complete analysis of data from air. Visitors will also be able to watch a human voice being transmitted over a beam of light and learn about the uses of deep sea cameras, including one that has been developed for MIT's future scientists.

In the basement of Building 1 seniors will explain the work of the various departments. In the Mechanical lab in Building Three, third floor. The principal area of interest will be the demonstration of jet burner in full operation. Though of a small size, it will adequately provide the viewer with a vivid idea of burner effects.

In the food Engineering lab will be demonstrated food fermentation equipment, including an array of devices used for testing the permeability of odors such as is used in the preparation of liquors, yeasts, amino acids, and water through plastic food coverings. The Course 20 men will display food fermentation equipment, yeasts, amino acids, and food technology students are invited to view a twenty minute color movie showing the use of high energy electron in the treatment of diseases and will demonstrate the high voltage electric arc generator used in surgical operations on the lungs and heart will be explained.

The student sevice of the Technical Institute will be open in the basement of Building 2. Visitors will be able to view the operation of the student center and learn about the various activities of the student body.

Dr. Harold Edgerton, George Clark, and Lloyd Breshears with the photo- lithography machine. Dr. Edgerton is famous for his short talks with special camera narrates the story.

Thermo - Electric Engine

A jet-air heating a hole in pieces of wood will be the cause on the world. Nearby a machine under development will be shown as well.

In the basement of Building One seniors will explain the work of the various departments. In the Mechanical lab in Building Three, third floor. The principal area of interest will be the demonstration of jet burner in full operation. Though of a small size, it will adequately provide the viewer with a vivid idea of burner effects.

In the food Engineering lab will be demonstrated food fermentation equipment, including an array of devices used for testing the permeability of odors such as is used in the preparation of liquors, yeasts, amino acids, and water through plastic food coverings. The Course 20 men will display food fermentation equipment, yeasts, amino acids, and food technology students are invited to view a twenty minute color movie showing the use of high energy electron in the treatment of diseases and will demonstrate the high voltage electric arc generator used in surgical operations on the lungs and heart will be explained.

The student sevice of the Technical Institute will be open in the basement of Building 2. Visitors will be able to view the operation of the student center and learn about the various activities of the student body.

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The New Biology

Biology was once a science of classification and description. Now, biology is practiced in MIT's Radiation Laboratory, where an ever-increasing number of biologists, physicists, and chemists are working together. This is the result of a new approach to biology. The emphasis is on the study of the living organism as a whole, and on the interaction of the organism with its environment. The objectives of this new biology are to understand the fundamental processes of life, to elucidate the nature of heredity, and to explore the possibilities of controlling and manipulating living systems. The possibilities include the development of new methods for the production of food, the control of diseases, and the prevention of aging and death. The new biology is a science of the future, and it is one of the most exciting and important fields of research today.

Atomic Ship

A model of the atomic ship Savannah and movie depicting the building of its atomic power plant will be featured in the Radiation Laboratory's open house. The Savannah is the first nuclear-powered commercial ship, and it is being built by the U.S. Navy. The ship is designed to operate for 100,000 miles without stopping, and it is expected tolast for 20 years. It will be capable of carrying 70,000 tons of cargo, and it will be able to travel at a speed of 20 knots. The Savannah is a demonstration of the potential of nuclear power, and it is a symbol of the future of oceanography and exploration.

Mineral Study

The geology and geophysics departments' various labs will be open to visitors throughout the afternoon. Visitors will be welcomed by the lab staff and given a tour of the labs. The geology lab will have a model of the Earth's crust, and the geophysics lab will have a model of the Earth's magnetic field. The visitors will also be able to see a variety of minerals and rocks, and they will be able to ask questions of the lab staff. The geology and geophysics departments are open to all visitors, and they are located in the basement of the Physics Building.

City Planning

The field of city planning is a multidisciplinary field that involves architects, engineers, urban planners, and social scientists. The goal of city planning is to create livable and sustainable communities. The city planner's role is to design and manage urban spaces, to plan for the provision of public services, and to ensure that the city's resources are used efficiently. The city planner must be able to analyze data, to make decisions, and to communicate effectively. The city planner must also be able to understand the social, economic, and political factors that influence the development of a city. City planning is a challenging and rewarding field, and it offers many opportunities for career advancement.

The Cylotron uses a strong magnetic field to keep the particles moving in a spiral path. The velocities of these particles increase as they obtain higher energy levels until they are deflected into an evacuated chamber where they strike different targets for various research purposes. The Cylotron accelerates particles by combining a time-varying magnetic field with a radio frequency electron field. Particles travel through the geometry of the Cylotron in a circular path, and the radio frequency field causes the particles to be accelerated in the same direction. The Cylotron produces high-energy particles, and it is used in a variety of research applications, including nuclear physics, astrophysics, and medical research.

The doctor controls the machine as it is guided through the skin of the rat's body. The machine is then placed on a table, and the rat is allowed to recover. The rat is then put to sleep, and the machine is removed. The rat is then allowed to recover, and it is then returned to its home. The machine is then ready for the next experiment.

The Cyclotron Laboratory is one of the most important research laboratories in the world. It is used to study the properties of subatomic particles, to develop new technologies, and to advance our understanding of the fundamental processes of life. The Cyclotron Laboratory is a place of discovery, and it is a place of learning. It is a place where students and researchers can work together to improve the world we live in.

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Lacrossemen to Face Amherst; Predict Excitement for Spectators

One of the most thrilling sports spectacles of tomorrow afternoon’s flurry of athletic activity will be the varsity lacrosse game with Amherst in the area enclosed by the elder infield on Briggs Field at 3:30. The 1960 edition of the MIT stickmen has proven itself to be even greater than last year’s Class “C” Champions, with wins over Adelphi, Harvard, Brown, WPI and UMass. Only a 6-4 loss to powerful UNH mars their record.

WPI and UMass. Only a 6-4 loss to WPI and UMass. The Engineers have shown strength at both ends of play, while the attack has been another hallmark of the Beaver offense, despite their all-out hustle has enabled him to notice their 6' 4" defenseman who bulwark of the Beaver defense and No- 3 WPI and UMass. Only a 6-4 loss to WPI and UMass.

The prize for the winning varsity lightweight eight will be the Big Green Cup. Beaver varsity units, who have been training hard since the winter tomorrow in the season's biggest day of intercollegiate racing over a 15-16 mile route. The 2000 MIT finished third behind the Crimson and Tigers in the event.

The second varsity eight will see the same five teams as the first varsity encounter this weekend's competition. Early-rising fans will be able to see the second fresh heavies and the third varsity heavies, who have been training hard since the winter tomorrow in the season's biggest day of intercollegiate racing over a 15-16 mile route. The 2000 MIT finished third behind the Crimson and Tigers in the event.

Although the varsity golf team has had little success thus far this season, defending only once team will be the Cornell and Grey weights, who have been training hard since the winter tomorrow in the season's biggest day of intercollegiate racing over a 15-16 mile route. The 2000 MIT finished third behind the Crimson and Tigers in the event.

Coaches Jack Paul's varsity heavyweight, who has been training hard since the winter tomorrow in the season's biggest day of intercollegiate racing over a 15-16 mile route. The 2000 MIT finished third behind the Crimson and Tigers in the event.

The day's racing card will provide an important test for the Cardinal and Grey varsity units, who have yet to win a race this season. The lights have moved to Harvard in their second win of the year when they turn against Harvard and Dartmouth at 4:30 p.m. in an effort to capture the prize from the Cantabs.

The varsity heavyweight oarsmen are shown in a worksheet on the Charles in preparation for the weekend’s competitions.

ESSE RESEARCH works wonders with oil

Helps “mirror” finishes hold bright future

Even the finishes are exciting on the new cars! They have new color, new gleam. They stay new looking longer, seldom need polishing, shrug off bad weather. Esso Research helped in perfecting these fine finishes by developing fast-drying sealants derived from oil. Your car looks better, runs better — because ESSE RESEARCH works wonders with oil.
Graduate House Stands Unbeaten
Strong Contender For Softball Title

The power-pitched Graduate House squad is four to one as they ship out to Annapolis. Chi Alpha 14-2 last Sunday, in a League V encounter. This group has been on a roll. Outfield edge over second place Gradu-
ate House, also victorious over Delta Kappa Epsilon 6-1, who are the present league leaders.

The Engineers have won games from Rutgers 11-4, Bowdoin 5-4, Bates 6-4, while dropping contests to Catholic University, Johns Hopkins, Boston College, WPI, and Tufts. The second game of a doubleheader against WPI ended in a 5-5 tie against Bill Widnall for Raven Meet. The win in the first game boosted the Engineers to a 2-1 lead in the meet.

George Kilrk '60 will be at the helm from Army, Brown, Coast Guard, crews Pete Gray '61, and Jan North- 983, and in two more in the final session to make the victors' total an even dozen.

The Owen Cup At Annapolis

Without retaliation in the first quarter, the Engineers have won games from Rutgers 11-4, Bowdoin 5-4, Bates 6-4, while dropping contests to Catholic University, Johns Hopkins, Boston College, WPI, and Tufts. The second game of a doubleheader against WPI ended in a 5-5 tie against Bill Widnall for Raven Meet. The win in the first game boosted the Engineers to a 2-1 lead in the meet.

Meanwhile, the Graduate Aero Society played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfield has come into its own in part, the infield has played well defensively, the outfile.
Abstract, Bizarre Exhibits
Highlights of Math Display

Even the most currency scholars at Math course enrollment reveals that the "Queen of Sciences" is becoming ever more important. The Math Department's exhibit shows why mathematics has become so popular.

Integrals and puzzles are the best words to describe the Mathematics and Invention exhibit. Here the visitor can find one-sided surfaces, one-surfaced volumes, and many others interesting and unusual problems in dimensions.

Displaying how Math can discover its abstractness and employ physical tools is the demonstration on how soap films cover minimum amounts of area. These graphs have valuable information to mathematicians.

A new and interesting part of the display is the "numbers game": which will feature probability and the strategy of games. One application that will be shown is the computing of the random filling of a needle across the stripes of a flag. Other intriguing problems and effects of probability will be shown.

The History of Mathematics, in its agrarian form, will show how mathematics developed from drawings in the sand to giant, multibank dollar computers. This relm of the display will also feature real books, with the original manuscript of some of the geniuses who had made mathematical history.

(Continued from page 1)

Brain waves along with FM radio, quantum physics, and the atomic mechanics of gases, are the subject of his most recent mathematical works called "Nonlinear Problems & Random Theory". Written from the tapes recorded of a series of his lectures, with help from photographs taken of his blackboard equations, this book is the first on this subject to be printed in English.

RATES REDUCED

Yes, the Savings Bank's savings appeal is back. It's a new and improved appeal — how REDUCED rates on any policies of $3,000 and over. This reduces the cost of the life insurance policies of $3,000 and over, which, in the past, could wash his Van Heusen "Vantage" Shirts himself . . .

In THE DAY I REMAIN AWAY

... Why Mother joined the Maki Jodi Sons

Who will ever forget that time? The whole town turned out . . . well, maybe not the whole town... to see Mrs. Bob- by Collegebought off the University. There he was in his hand-stained books . . . pleasant khaki . . . and his familiarity (Random 1, 3, 5, 4) Sonja... ah, Sonja, his homeroom sweetheart, sobbed quietly. Sonja had heard stories about the co-eds. She was worried.

As the Toonerville local pulled in, Bobby sobbed quietly. As the train pulled away, Sonja cried hysterically . . . "I've lost him forever. With all that free time in those handsome shirts, he'll be the target of every girl in the town."

For Bobby Collegebought, could wash his Van Heusen "Vantage" Shirts himself . . . and in a matter of hours they would be ready to wear. Day after day . . . far from home . . . Bobby College would sparkle at college in his Van Heusen "Vantage" all cotton, wash and wear, sport-shirts.

"Now," Sonja cried hysterically . . . "I've lost him forever. With all that free time in those handsome shirts, he'll be the target of every girl in the town."

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