The Tech

NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX NO. 8 CAMBRIDGE, MASSACHUSETTS, FRIDAY, MARCH 13, 1959 5 CENTS

Dr. George Sutton Named Chief Scientist of Government Agency

Signed to become Chief Scientist of the government's Advanced Research Projects Agency is Dr. George P. Sutton, who is recognized as one of America's foremost rocket propulsion-system designers. The move is significant since Dr. Sutton, who is recognized as one of the nation's foremost aerospace engineers, is the Jerome H. Clark Professor of Aeronautical Engineering in the Department of Aeronautics and Astronautics.

"The lecture, to be presented next week, is the fourth Minta Martin lecture entitled "Rocket Propulsion Systems for Space Flight," and will be concerned with several propulsion systems for future flights into outer space on Wednesday evening, March 18th in Kresge Auditorium."--Dr. Sutton, who is recognized as one of the nation's foremost aerospace engineers, is the Jerome H. Clark Professor of Aeronautical Engineering in the Department of Aeronautics and Astronautics.

The lecture, to be presented next week, is the fourth Minta Martin lecture entitled "Rocket Propulsion Systems for Space Flight," and will be concerned with several propulsion systems for future flights into outer space on Wednesday evening, March 18th in Kresge Auditorium.

The recent damy council president elections were declared invalid by a meeting of DormCon and banking will again be held next Wednesday in officially voted in the following three candidates: Podnar, electors and, and congregations of people within thirty inches of the polling places; statements by members of Burton House Committee telling residents how to vote banking houses were not open during the prescribed hours; and no points of banking in the Women's Deans were all alleged individual bias on geographical vocalizations were given by Jerry Abel, Burton House, who speaks from the floor at the meeting.

"I think that the evidence presented at the DormCon meeting seemed reasonably conclusive of the fact that the elections were not quite proper." Speaking on the recent dormitory elections, Williams, who won as a write-in vote said, "I intend to run again next year, however, my name will be on the ballot."

The election of Dr. John Sheehan was given for work on Penicillin.

An award for his achievements in systematizing penicillins and for the research in the synthesis of penicillins will be made to Dr. John C. Sheehan at the annual meeting of the American Chemical Society in Boston April 5-9. The annual award of $1000 is given in recognition of "creative work in synthetic organic chemistry."

An announcement that he had succeeded in doing this by total synthesis and had converted it into a variety of penicillins. Dr. Sheehan reported at the CIBA meeting he will report on further accomplishments in this field and also in the development of a selective method for synthesizing penicillins.

FASHION-HAVE GOWN, WILL TRAVEL

The Technology Dances take the spotlight this Monday with their Third Annual Fashion Show to be presented in Kresge Auditorium for the benefit of the Children's Unit at the Winthrop State Hospital.

With a theme of "Have Gown, Will Travel," the show will give the MIT community a look at the appropriate apparel for the Jet Age's traveling young lady. Tech women are particularly thrilled with the theme because of the way it will appeal up a recent article in a magazine. The ladies predict that travelers will be on the road soon and that the dresses ranging from traveling ensembles (cute stuff) to sophisticated evening wear.

Sharing the spotlight with fashion will be entertainment from three sections of the globe. Music from Mexico, dances from the Philippines Islands, and songs from France are planned to complement the traveling theme.

The evening of fun and fashion is only one of the Dances' activities. Their second formal night meeting, at which members from 15 countries served native foods and described their homelands, provided the members and their husbands an intimate look at life in far-away places.

The Technology Dances, an organization of the wives of MIT students, was a free-looking movement of students interested in entertaining themselves and others. The organization has four times a month. Their program of welcoming new wives to the campus is just another of the Technology Dances' services to the MIT community.

Dorm Con President Election Void
New Balloting To Be Next Week

Another comment on the recent elections was given when Mike Padlipski, representing Orin Beyer of Baker, told the election was illegal and unethical and he made ref-

SCEP Discusses Foreign Aid Plan
In Lieu of Service

A foreign aid plan whereby two years in the foreign service would fulfill military obligations was the topic of the Student Council on Wednesday evening. SCEP is strongly opposed to the idea. As outgrowth of considering a foreign work program for students, the idea concerned only graduate and undergraduate engineers, and SCEP said they would be willing to devote two years to fairly elementary work in the serv-

Scopes interested in a lack of interest and communism with the inhabitants of the country. Men are needed, these areas who know the language and show interest and represent for the natives and their cus-

Tech Fresher Will Present Joint Organ Concert This Sunday

Two MIT freshmen will give a joint concert in the Chapel on Sunday, March 15 at 4 p.m. consisting of selections from J. S. Bach and C. M. Widor.

Frederick Paul III and Paul Binswanger will present the following program which will be open to the public free of charge. Paul will play "In die ist Frohe," "Ave verum" and "Prebendal" and Prebend and Fuge in E Minor" all by Bach.

Beverley will present "Sympathie VI, Adagio and Intermezzo" by Wilmer and "Hark alle Menschen" and "Tocata and Fugue in D Minor" by Bach.

The Tech, W. J. Lederer and Eugene Schroeder will present the following program which will be open to the public free of charge. Paul will play "In die ist Frohe," "Ave verum" and "Prebendal" and Prebend and Fuge in E Minor" all by Bach.

Beverley will present "Sympathie VI, Adagio and Intermezzo" by Wilmer and "Hark alle Menschen" and "Tocata and Fugue in D Minor" by Bach.
The Tech
YOL. LXXIX March 13, 1959 No. 8
Entered as second class matter at the post office at Boston, Massachusetts, under the Act of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Sec. 1103, Act of October 3, 1917. Authorization to use postal cards for mailing postage-prepaid advertisements provided for in Section 1106, Act of October 3, 1917.

plastic form, the photographic language as poetic as very few movies can be, it is consummated, the absolutism of perfection, and it says more in a few shots than any picture with extended dialogue. Unquestioned is the language of the images is much slower than the common language of the word-sound and it tends to drag a little, to concentrate on things very few places to stay on for two hours. There is punitively no action, the people being natural and letting the camera say the rest. There is a touch of direction, uncharacteristic for the great cinema of this lyric masterpiece. There is no consistent or contrat plot, and no need for one. "Father Pandoli" shows us the milieu of India, the poor condition of its people, the very slight hope which dominates the spectator, hope for a better life, never seems to occur to the local population, satisfied with the tradition of dirtiness and insecurity, so much old and age. And this old age is admirably represented here by an old woman, the dramatist of any Dutch painter of the seventeenth century: her Symantic face, her confrontation with the infantile, the younger people, her desperate need of food, of warmth, leads her to a doleful, a pitiful heart-breaking condition of a human puppet, whose strings are pulled by one, until the last one vanishes as the rain season arrives. A beautiful portrait, a sad proof of indecency coming from the very young generation towards this useless old woman makes one think of being always young and irresponsible for fear of what may happen.

We believe that such a statement is quite worthy of an answer; we believe that the MIT chapel is not only appropriate but also beautiful.

Dr. James R. Killian, speaking of one of the purposes of the chapel, has said that it should "provide ready answers; for we believe that the MIT chapel is not only appropriate but also beautiful.

The chapel on our campus is such a work of art. Its

BEAUTY, AN ANSWER

In a recent issue of the Northeastern News there appeared an article which called for an increase in the aesthetic in the engineering profession. The report, in part, said:

"Engineers have been accused of having little (or no) aesthetic sense; nor feeling for the beautiful, the gentle, it has been said that they are methodologically oriented minds well suited in the realms of mud and mortar, stone and transistors. The inappropriateness of the typical chapel at MIT does much to prove these criticism rights."

We believe that such a statement is quite worthy of an answer; we believe that the MIT chapel is not only appropriate but also beautiful.

Dr. James R. Killian, speaking of one of the purposes of the chapel, has said that it should "provide ready answers; for we believe that the MIT chapel is not only appropriate but also beautiful.

The chapel on our campus is such a work of art. Its...
They said it couldn't be done...
They said nobody could do it...
but
L&M is Low in tar
with more taste to it

Don't settle for one without the other.

"L&M is kinder to your taste," says TV's George Gobel. "There are two mighty good reasons why I think you'll go for L&M. They truly low in tar, with more exciting taste than you'll find in any other cigarette."

Low Tar: L&M's patented filtering process adds extra filter fibers electronically, crosswise to the stream of smoke... makes L&M truly low in tar.

More Taste: L&M's rich mixture of slow burning tobaccos brings you more exciting taste than any other cigarette.

Live Modern... Change to Modern L&M
Sports Illustrated Honors Schumacker
Coed Receives “Pat-On-The-Back” Award

Students to Compete
In Interclass Track Meet This Weekend

Interclass Title to
AFROTC Hoopsters
After Beating Army

Sports Illustrated, national sporting magazine, paid tribute to MIT’s outstanding swimmer, coed Betsy Schumacker ’60, by presenting her with their “Pat-On-The-Back Award” last Saturday at the Alumni Pool before the New England Intercollegiate Swimming Championships. Her picture and an article on her achievements appeared in the March 9 issue of the magazine.

The trophy was awarded in recognition of her great aquatic feats which include the holding of two Middle Atlantic women’s records and one National Junior women’s record. Last summer, Miss Schumacker won both the 100- and 100-yard women’s individual medleys at the Middle Atlantic Championships. In doing so, she established new marks of 1:05.3 and 1:08.6, respectively. Earlier in the year, she captured the National Junior 200-yard butterfly title while setting a new record.

Swims Every Morning
The blonde coed keeps a strenuous training schedule that includes practicing from 7:00 to 9:00 every morning and from 4:00 to 5:00 in the afternoon. During the latter period, she was able to work with the varsity and freshman teams until their season ended.

Better, a mathematics major from Philadelphia, Pa., returns to her home town in two weeks for the Middle Atlantic Championships. She has won two or three events every year for the past four, and this time will enter three races. She hasn’t yet decided which events to try.

MADAME MARIA
Reader and advisor. Advice on business, marriage, and love. Advice on all problems of life. No appointment is necessary. Open 10:00 a.m.-10:00 p.m. Sun. 1:00-4:00 p.m.
Call PR 6-3831
93 BROADWAY

SOMERVILLE

FLY UNITED AIR LINES
Going home for the holidays? Or maybe planning a trip somewhere? You’ll have extra days for extra fun if you travel via United. Chances are you’ll save money, too. United Air Coach Mainliner® fares are low. Your choice of last, convenient schedules to 50 major cities coast to coast and Hawaii. See your Travel Agent or call your nearest United Air Lines office today.

FORD HALL FORUM

FRIDAY, MARCH 13, 1959

DOORS OPEN 7:45

P.M. EVERYBODY WELCOME

CHERY STOP: QUICKEST... GOES FARTHEST ON A GALLON!

Here’s a car that knows how to get the most out of a gallon! And it’s the car in its field to bring you hydraulic valve lifters in all popular engines—6 and V8. This means smoother, quieter performance for you. There are many other advances just as fundamental as the efficiency of Chevrolet’s engines and the dependability of its new brakes (with more lining area than any other low-priced car). But why not stop by your dealer’s and let Chevy do its own sweet talking!

see your local authorized Chevrolet dealer for quick appraisal—early delivery!
Coach Burke to Leave Institute in May

Rites of Spring

MIT's crews began working out on the Charles last week, a sign that spring is approaching. Above are last year's varsity heavies.

MIT basketball and golf coach John H. Burke, Jr. has resigned, effective May 27th, athletic director Richard L. Balch announced today. In making the announcement, Balch expressed the sincere regret of the MIT community and wished Burke well in his future endeavors.

Burke, 34, has been at Tech three years. A native of Morristown, N.J., he is a former four-sport star at Springfield College, Class of '50. Burke was captain of basketball and an All-East selection as a senior. He coached freshman sports at Wesleyan University for four years and was athletic director at Grosse Pointe University School in Michigan for one year before coming here.

"I have enjoyed very pleasant associations at M.I.T. and regret saying good-bye to these future science and engineering leaders of our country," said Burke.

"However, I feel I must make a move now to seek a new challenge. I would prefer to concentrate solely on basketball in my coaching, possibly in a job which could combine with my summer golf work."

Burke is a Class A member of the Professional Golfers' Association. He has been the professional at Prout's Neck C.C. in Prouts Neck, Me., for the past five years.

Looking for a company where research and development are primary missions? Where a big share of earnings goes into new research equipment? Where one out of eight employees is an engineer? Where professional matters get quick corporate attention from engineers in top management? See our representative. He may have a clue.

OUR REPRESENTATIVE WILL BE IN YOUR PLACEMENT OFFICE March 16, 17

ENGINEERS
scientists
MATHEMATICIANS
IF YOU HAVE OR ARE WORKING ON AN ADVANCED DEGREE
THE DOUGLAS AIRCRAFT COMPANY
OFFERS YOU AN EXCITING AND REWARDING FUTURE IN THE NEW JET AND SPACE AGE
See next Tuesday's THE TECH for details

BASEBALL
Varsity and Fresh Baseball tryouts are now being held in Rockwell Cage, Monday through Friday at 5:15 p.m. in addition to players, the team is in need of students interested in managing.

Here's Why Tareyton's Dual Filter filters as no single filter can:

1. It combines an efficient pure white outer filter.
2. With a unique inner filter of Activated Carbon, which has been definitely proved to make the smoke of a cigarette milder and smoother.

Notice how many Dual Filter Tareyton smokers you see around campus these days? Why so? Just try the cigarette yourself. You'll see "why so!"

THE TAREYTON RING MARKS THE REAL THING!
VII World Youth Festival Will Be
In Vienna, July 26
The United States Festival Commi-
niti has been designated as the official
American organization to arrange for
American participation in the Seventh
World Youth Festival.
This festival will be held in Vienna,
July 20 through August 4, 1959. It is
one of a series of youth events or-
gerized since the end of the war by two
international groups-the World Fed-
eration of Democratic Youth and the
International Union of Students.
The July-August meeting will be the
first held outside of the Soviet orbit.
Committees for the festival have been
organized on some college campuses.
The S. Festival Com-
ni is predicts attendance from 130
campuses. The U. S. Festival Com-
mittee has been designated as the official
American organization to arrange for
American participation in the festival.

“SAGE” (Continued from page 9)
destroying it or has it been iden-
tified in its orbit as hostile. This,
Dr. Overhage says, is “the so-called
active phase of defense. Here the
electronics engineer shove the stage
with the missile designer and the
radio operator work together and the
security people see to it that the whole
operation is performed in a place
behind a closed curtain.”
But, as Dr. Overhage points out
in the March Technology Review, there
are other phases of work at Lincoln.
Solid State Physics is one of the
broad areas in which Lincoln is seek-
ing to advance general scientific
insight. He says that MIT has played
a pioneering role in the development
of the solid state electronics which
are so important to modern computers.
Under the leadership of Benjamin
Lax 49, one of the country’s out-
standing solid state teams has been
built up at Lincoln Laboratory.
Another research area in the field
of intercommunication between ma-
chine and man—Dr. Overhage says

Offers Career Opportunities
in research and
development of missile systems
Active participation in Space Research and Technology, Radio Astronomy, Intercom Design and Development, Opportunity to expand your knowledge, Individual responsibility, Full utilization of your capabilities, Association with top-ranking men in field.

U. S. CITIZENSHIP REQUIRED

ON CAMPUS INTERVIEWS MARCH 19, 20

FRIDAY, MARCH 13, 1959

**The Tech**

The whole is equal
to the sum of its parts
(But some of its parts are more equal than others!)

Even Euclid had to admit...
It's what's up front
that counts

Euclid proved that a straight line
is the shortest distance
between two points. And if
you walk straight (or
directly) to the nearest
pack of Winstons, you'll
find it the shortest
distance to a really
easy enjoyable smoke. It's
the tobacco up front that
makes the difference and
that's where Winston
packs its own exclusive
Filter-Blend—a special selection
of 100% virgin, unaged
tobacco, specially
processed for filter smoking.
You'll find Filter-Blend
gives a real Winston flavor
without parallel. In fact, it's
automatie that...

WINSTON TASTES GOOD, LIKE A CIGARETTE SHOULD!

---

---

---

---

---