

The Tech



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Trilling Report Out

Soviet Scientific Trends Examined

The Soviet educational system has had a small but elite corps of scientific scientists who are second none, according to a pioneering study of Soviet education in aeronautics, which was released last

by Leon Trilling, assistant professor of aeronautical engineering at MIT, working as small flexible task forces, and solving a number of theoretical problems . . . selected to keep Soviet scientific science abreast of any competitor."

But, adds the report, the Russian technical leaders are perched on a shaky engineering base.

"The full cross section of engineers in the Soviet Union," says Dr. Trilling, "have apparently not yet acquired the degree of engineering 'feeling' which only broad familiarity with machinery can bring. They work by book and require detailed direc-

For this reason, excellent designs are frequently adapted to inferior execution, and tooling or high-grade workmanship is reserved for key parts of the assembly."

The report also gives special emphasis to the Soviet doctrine that education trains skilled technical personnel for the service of the state.

"The constant subordination of the individual to the national plan," says Trilling, "is an important psychological influence on professional people in the Soviet Union."

Dr. Trilling also notes that aeronautical engineering receives special attention in the Soviet and quite possibly illustrates their best efforts. Nonetheless, he adds, many of the strengths and weaknesses of Soviet aeronautical education are probably representative of other areas.

The Trilling study was prepared by MIT's Center of International Studies as part of a broad examination of the qualitative aspects of Soviet technical education being conducted at the Center under a government contract and a grant from the Car-

negie Corporation of New York.

The MIT project on Soviet education is under the general direction of Alexander G. Korol, who was born in Russia and who was in the midst of securing an engineering education there when the Revolution broke out. The Trilling study is the first major part of the project to be completed.

This first report is based on official and technical Soviet publications and on the testimony of witnesses, both Westerners who have visited Russia for various lengths of time and former Soviet citizens who have either studied or taught in the Soviet Union within the last ten years.

"On the basis of the evidence," says Dr. Trilling, "it is our conclusion that there exists in the Soviet Union a group of talented people with drive and ambition who are generally permitted to reach the top, sometimes quite rapidly, and that their number has increased as a direct result of Soviet educational policy."

"But there are still only a few men who carry the Soviet engineering apparatus on their shoulders, being simultaneously teachers, scientists, and designers.

"There can be little doubt that the ability and knowledge of this key nucleus is on a par with that of the best men in similar positions anywhere, but that at the present time these men do not have adequate support," that is, the technical support of a well-balanced body of engineers and technicians.

"Recent press reports," Dr. Trilling notes, "have indicated that the Soviet aircraft industry has produced turbo-jet engines appreciably more powerful than those in mass production in the United States at the present time."

"While know-how and ideas from German and other sources have helped in this Soviet accomplishment," he adds, "they would not have been absorbed and put to effective use so rapidly if native groups had not mastered the fundamentals of the problem independently and prepared a sufficient number of engineers to ex-

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Arnold Will Lecture On Project Arcturus Next Tuesday Night

Professor John Arnold, the originator of the now well known "Project Arcturus," the experiment in psychology and Science Fiction, is scheduled to speak here next Tuesday, April 17, in 10-250, under the auspices of the Lecture Series Committee.

Professor Arnold's "Project Arcturus" has been described as "startling and stimulating" to students: it concerns the case study of "Arcturus IV", the supposed fourth planet of the star Arcturus. Since Arcturus is 32 light years away, it is quite impossible to know if it has planets or not: Arcturus IV is Arnold's own creation. In an environment of upside-down-growing plant life, methane atmosphere, various other odd physical features, and an intelligent race of two-legged creatures descended from bird-like ancestors, there was only one purpose: to give Arnold unlimited room to pose problems in the design of household machinery, autos, clocks, telephones, harvesting equipment, and cigarette lighters for a civilization entirely alien to our own.

However, not all of Professor Arnold's Course concerns Arcturus, for many practical things have been achieved. Under his guidance, students have produced a new finger-tip scalpel for heart surgery, and a new caterpillar tractor design.

Professor Arnold's subject of general discussion will be on the Creative Process and some of the factors that facilitate and some of the factors that

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MIT, Caltech In Third Conference Varied Topics Under Discussion

Academic problems of the country's two foremost institutes of technology were reviewed last month when the presidents and staff officers of MIT and Caltech met at Caltech for a three day conference which began Tuesday, March 20. The conference continues a series of meetings which were launched in Pasadena in 1953, with the second meeting here in the fall of 1954. The purposes of these conferences is to compare notes on questions of administration, curriculum and finance.

The opening sessions Tuesday morning were devoted to the general subject of new educational experiments, such as MIT's School for Advanced Study and Caltech's Human Relations Course. This course is compulsory for all Freshmen and basically resembles more hours and deals more directly with the specific subject of human relations. Fund raising, a more pressing problem for the west coast institute than for MIT, and the handling of government contracts were discussed. The latter involved discussion of the shifts in emphasis which such contracts often bring to an institute, and their positive values, such as added finances.

MIT has an enrollment significantly larger than CIT; and is often accused of pressing its facilities beyond the limit, while CIT operates well within its boundaries. MIT representatives justified such expansion by emphasizing the terrific responsibility of engineering and science schools to the public in this era of automation; although this viewpoint was neither fully understood nor agreed with by the CIT delegation.

On Wednesday morning the conferees discussed "the future complexion of engineering education," with particular attention to the role of applied science and the sources of engineering motivation. The afternoon session provided a study of how to improve the quality of science and math instruction in secondary schools, and how to increase student interest in these fields.

On Thursday, the final day of the conference, the morning meeting concentrated on the problems of labora-

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2 Members Of Corporation Elected To Lifetime Terms

Election of two life members to the Corporation of the Massachusetts Institute of Technology has been announced by Dr. James R. Killian, Jr., President of the Institute.

The new life members are Gwilym A. Price, Chairman and President of Westinghouse Electric Corporation, and David A. Shepard, Director of the Standard Oil Company of New Jersey. Both had been term members of the MIT Corporation since 1951.

Mr. Price, who became President of Westinghouse in 1946 and Chairman of the Board in 1955, is also a director of Eastman Kodak Company, Mellon National Bank and Trust Company, National Union Fire Insurance Company, Westinghouse Air Brake Company, and The Hanover Bank.

Practiced Law

Born in Canonsburg, Pennsylvania, in 1895, Mr. Price was graduated from the University of Pittsburgh Law School and admitted to the Pennsylvania Bar in 1917. He returned to the practice of law following World War I service as commander of the U. S. Army's 302nd Heavy Tank Battalion, and in 1920 he became an assistant trust officer of the Pittsburgh Trust Company. A member of the Pennsylvania State Legislature in 1923 and 1924, Mr. Price rose from trust officer to President of the Peoples-Pittsburgh Trust Company before joining Westinghouse as vice president in 1943.

Mr. Price holds honorary degrees from four colleges and is a trustee of the Carnegie Institute of Pittsburgh, the Carnegie Corporation of New York, Elizabeth Steel Magee Hospital in Pittsburgh, Allegheny College, and the Pittsburgh YMCA. He is a member of the Business Advisory Council for the U. S. Department of Commerce, president and director of the Zoar Home in Pittsburgh, and president of the Electrical Manufacturers Club. In 1955, he was elected the first chairman of the board of the non-profit Regional Industrial Development Corporation in Pittsburgh.

Standard Oil Director

Mr. Shepard, a Director of the Standard Oil Company of New Jersey, became associated with the Company as a research engineer immediately following his graduation from MIT and has had wide experience with the Company's domestic and foreign affiliates.

Born in Denver, Colorado, in 1903, Mr. Shepard was awarded the degrees of bachelor of science (1926) and master of science (1927) in chemical engineering at the Institute. After holding positions as research engineer with Jersey Standard and with the Standard Oil Development Company, he served for many years as European representative of the Development Company. Later he became technical advisor and foreign sales representative of Jersey Standard, with headquarters in London.

Attache In London

During 1942-43, Mr. Shepard was Petroleum Attache for the United States State Department in London, and in 1943 was appointed a special foreign marketing representative in the United Kingdom. He served from 1947-49 with the Anglo-American Oil Company, first as shareholders' representative and later as chairman of the board.

Mr. Shepard returned to the United States in 1949 as executive assistant to the president of Jersey Standard, and became a member of the board of directors in 1951.

Inscomm Studies Group Meetings; Problems In Committees Outlined

Group dynamics was presented to Inscomm members, Wednesday, when Professors Herbert Shepard and Warren Bennis led a discussion of committee meetings, members, and leaders.

Evaluating chairmen, the committee agreed that undesirable qualities included dominating the meeting, taking sides and/or recognizing members whose opinions coincide with the chairman's own, weakness in controlling discussion, and inflexibility on petty points.

More description, however, was brought forth when Prof. Shepard asked about poor committee members. Among the types mentioned were the "railroader," who likes to get all motions as quickly as possible; the "talker," who likes to show everyone he knows nothing; the "yes-man," who echoes the sentiments of the chairman or influential members; the "amender," who has to amend all motions and other amendments; the "blocker," who always finds something to impede the meeting's progress—especially points of order; and the "absorber," who sits, absorbs, and looks bored.

During the meeting UAP Mal Jones '57 announced that the Freedoms Foundation at Valley Forge had awarded MIT the George Washington Honor Medal and two hundred dollars for its Discrimination Conference, "an outstanding achievement in helping to bring about a better understanding of the American Way of Life."

Little business was enacted during the relatively short meeting, although Harry Flagg's motion for a committee to look into the feasibility of the honor system was passed, as was Ed Robert's motion to appropriate one hundred dollars to finance the Debating Society's trip to West Point for the national tournament.

Also announced by Mal Jones were the new members of the Freshman Orientation and International Exchange Committees. Hal Smith is Freshman Orientation Committee chairman and Stan Kroder '57 from the F.C.C., Jack Friedman '57 from the Beaver Key, John Irwin '58 from the Quadrangle Club, Stewart Mott '59 from the Freshman Council, and Dean Speer and Prof. James Daily from the administration and faculty are the members.

The Tech Smoker This Tuesday; Tangent Scheduled For May 4

Institute Director of Public Relations Francis E. (Jeff) Wylie will be among those at *The Tech's* spring smoker in the Student-Faculty Lounge Room 2-290 this coming Tuesday from 4 to 6 p.m. The smoker will offer an opportunity for interested students to become acquainted with personnel and operations of the Institute's largest self supporting activity. Well known as the major organ of internal publicity, *The Tech* is, with the single exception of the Institute supported Athletic Association, the largest student run business operation on campus. Its treasury handles directly more money than the Finance Committee; its advertising staff handles the largest volume of any student publication; and its circulation is by far the most extensive. This important yet little known facet of *The Tech's* operations offers a wealth of opportunity to those interested in any facet of business operations.

The better known news, sports and features staffs have positions for any interested in any of the various facets of Institute life. Recent statements by outgoing Undergraduate Association President John S. Saloma and incoming President Malcolm Jones '57 have stressed the import-

ance of *The Tech* in student government operations. The trend toward increased interest in athletics is more than slightly attributable to a three year campaign by *The Tech*. Of the changes made in the last two years, many including the successful after game Beaver Key sponsored receptions were first suggested on the pages of *The Tech*. Because *The Tech* policy has always been to make promotions on the basis of ability rather than seniority, upperclassmen as well as freshmen have full opportunity for advancement.

Tangent Magazine, devoted to creative writing and thought by students and faculty, and published by *The Tech*, will appear on May 4 and will be sold at Parent's Weekend. The sole restriction on material is that it be of a non-technical nature. Material may be submitted to any member of the Managing Board, or at the offices of *The Tech*, Room 020, Walker Memorial, or deposited for *The Tech* in Litchfield Lounge no later than April 25. A competition will be held to select a literary board for the magazine. Students interested in trying out for the board which will, in the future, judge material and help in planning magazine policy, should attend the smoker, Tuesday.

The Tech

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JOHN A. FRIEDMAN '57 Editor
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EDITORIALS

Without Honor

The Institute has a full share of so-called honorary groups ranging from the national engineering Tau Beta Pi to Quadrangle Club and the esoteric Osiris. The honorary nature of Beaver Key and Quadrangle Club has long been questioned. Similar questioning is equally applicable to the various individual course honoraries and even to Tau Beta Pi.

Ostensibly scholastic honorary societies, must have as qualifications for membership not only academic record but also a somewhat undefinable added criterion—a *je ne sais quoi* which may go under the guise of character or any other non-quantitative quality. It is this added qualification which has proved the basis for misuse of the professional honorary organizations.

In many cases, elections have been made not on the basis of merit but on the basis of the personal likes and dislikes of the incumbent members. It is not what you have done but who you know that determines whether you will be accepted as a member.

In the case of Beaver Key and Q-Club unfair selection procedures are relatively harmless, but in the professional groups, with the academic prestige they hold for prospective employers, the situation is somewhat more lamentable.

There is no place in the Institute for such inequities. If the existence of these groups enables any student to profit at the expense of another, the system must be changed or the groups eliminated. It should be the policy of student government to refuse to sanction the existing of any so-called professional honorary group which has as criterion for membership any other but academic and professional proficiency.

The recent elections of Beaver Key Society, Junior honorary group, were an example of responsible action. Should the Key and Quadrangle Club, the sophomore group, continue to remain conscious of their ostensible role of honoraries, they will go a long way toward strengthening their position on campus.

Progress Report

The past year has marked great strides in dormitory government. The House Committees, basic units of student government, have concentrated on their services to the residents and in general have improved conditions.

Leading the way was last term's Burton House Committee. The success of its student owned laundry paved the way for student run concessions throughout the dormitory system and possibly for an eventual wholly student run cooperative house.

Many of the improved services and facilities have been of an almost trivial nature; but the sum total seems to be leading toward more house unity and satisfaction. An indication that, through the work of the House Committees, the dormitories are becoming a better place to live.

political scene

The following article will serve as introduction to an extensive series of articles covering national politics on both an internal and an international basis. The first section of the series will be concerned with the coming Presidential election. The articles are written by both students and faculty of the Political Science Section of the MIT Humanities Department.

It is Spring and it is Leap Year, and this conjunction has political implications more real than its alleged romantic overtones. For in the United States in springtime of a leap year there sets in with increasing intensity the process of choosing a president. Its earliest formal event is a primary election in New Hampshire late in March and its terminous,

of course, is the presidential election itself on the first Tuesday after the first Monday in November. So far this time, the electorate in four states has chosen delegates to the August conventions which will formally select the presidential and vice-presidential candidates of the major parties.

Presidential Election

In a series of articles of which this is an introductory one, several faculty members and students in the Political Science Section will present to the readers of *The Tech* an analysis of the processes by which presidents are elected, of the types of men who contend for that office, and of the devices such as primaries and conventions through which the choices are made. We will look at the manner in which delegates to the conventions are chosen and the way in which those conventions operate once they have been formally convened. We will examine in later articles at least two of the major prospective issues of the campaign—segregation in the public schools and economic policy as it applies to the nation's farmers. We hope to present an article or two on the political situation here in Massachusetts with interviews by students of state political leaders.

These and similar considerations will be dealt with here not from the standpoint of helping students to make up their minds on the merits of the issues or the candidates or the parties. That function is certainly an important one but it is hardly suited to the pages of a student newspaper in articles from faculty pens.

Qualifications

The questions which will interest us here are of an order such as the following: Why should a decision as obviously important as the choice of a president be channeled through an institution so unwieldy as a convention of more than one thousand delegates and an equal number of alternate delegates? Are there perhaps functions served by conventions other than the adopting of a platform and the naming of a nominee? Who are the delegates to conventions? Why do they go? What do they really do when they are there? Who pays for it? Why?

So far as the front runners for the nominations themselves are concerned, we are interested primarily in the qualifications which make a man eligible even to be considered for such a position. What puts the front runner in front, and what makes a dark-horse dark? What seem to be the qualities the party leaders look for in a standard-bearer, and are their criteria necessarily the same as those for judging the fitness of a president once he has gained his office and is no longer running for it?

Issues In Question

The issues will be considered from two viewpoints: First, what makes an issue important, and second, how do the parties define their stand with respect to it? This time, for example, segregation in the South and falling prices on the farm are clearly important issues, but a new scheme for regulating the price of natural gas seems at the moment to have fizzled out as a major issue. So severe a problem as the shortage of schools and school teachers has so far evoked only flickers of sporadic interest. Why is it that some problems become matters of major moment and others fall through the gaps in the political mesh? What kind of consideration would make a Democratic candidate talk publicly about the state of the president's health, and, even if he never mentions it, may it not remain a silent issue nevertheless?

State Politics

All of these and similar subjects must be dealt with as matters of national and worldwide concern. But politics in the United States is peculiarly localized in its actual operating mechanics. It is in the states that most elective offices are filled and it is by carrying a state that its electoral votes are credited to one party or the other. In the light of these facts we feel it important that this series of articles include some scrutiny of the situation as it is developing in some one state. Since the Institute and its student body are in Massachusetts we feel that it is this political environment which is most suitable for examination in these pages.

It may well be that readers of *The Tech* would desire different emphases or subjects in the set of articles to follow this one. Within the limits of time and space available we will be glad to try to respond to such requests.

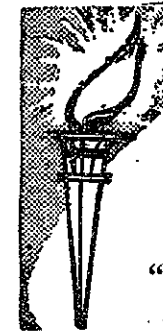
—Prof. Ted Baer

Three Wonderful Restaurants

BEST KNOWN IS
39 NEWBURY STREET
 at 39 Newbury Street, next to Traynor's
THE ENGLISH ROOM
 at 29 Newbury Street, next to Emmanuel Church
 AND THE NEW ONE AT
260 BERKELEY STREET
 corner of Commonwealth Avenue known as
 The Frank and Marion Lawless

Wonderful home made Bread like your Grandmother made and delicious desserts. They are all owned and operated by Frank and Marion Lawless, who have the famous Carriage House on Cape Cod in North Falmouth

OPEN SUNDAYS




Ford Hall Forum

JORDAN HALL • GAINSBORO ST. • CORNER HUNTINGTON AVE.

Sunday Evening, April 15, at 8 P.M.
 DR. HAROLD CASE, DR. FRANCIS KEPPEL,
 SLOAN WILSON

"Is There a Crisis in American Education?"
 Doors Open at 7:45 P.M. Everybody Welcome



On Campus

with Max Shulman
 (Author of "Barefoot Boy With Cheek," etc.)

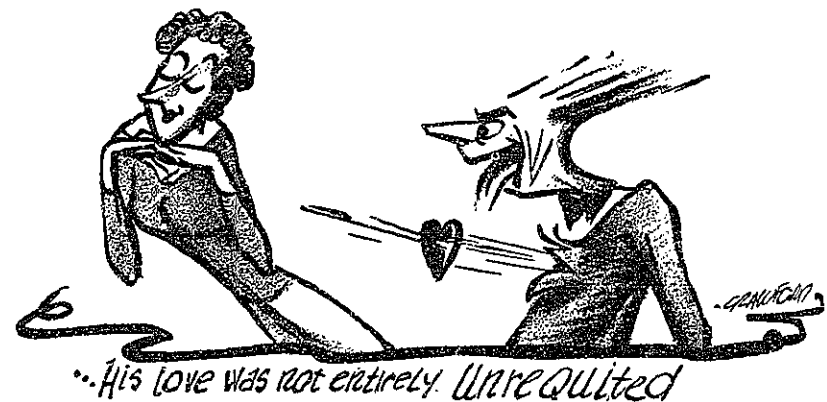
MONEY ISN'T EVERYTHING

I have asked the makers of Philip Morris — an enterprising and aggressive group of men; yet at the same time warm and lovable; though not without acumen, perspicacity, and drive; which does not, however, mask their essential greatheartedness; a quality evident to all who have ever enjoyed the beneficence and gentleness of their wares; I refer, of course, to Philip Morris Cigarettes, a smoke fashioned with such loving care and tendered with such kind regard that these old eyes grow misty when I think upon it — I have asked, I say, the makers of Philip Morris — that aggregate of shrewd but kindly tobaccoists, that covey of enlightened Merry Andrews, that cluster of good souls bound together by the profit motive and an unflagging determination to provide all America with a cigarette forever gentle and eternally pleasing — I have asked, I say, the makers of Philip Morris whether I might use today's column to take up the controversial question: Should a coed share expenses on a date?

"Yes," said the makers simply. We all embraced then and squeezed each other and exchanged brave smiles, and if our eyes were a trifle moist, who can blame us?

To the topic then: Should a coed share expenses on a date? I think I can best answer the question by citing the following typical case:

Poseidon Nebenzal, a student at Oklahoma A and M, majoring in hides and tallow, fell wildly in love with Mary Ellen Flange, a flax weevil major at the same school. His love, he had reason to believe from Mary Ellen's sidelong glances and maidenly blushes, was not entirely unrequited, and by and by he mustered



up enough courage to ask her the all-important question: "Will you wear my 4-H pin?"

"Yes," she said simply. They embraced then and squeezed each other and exchanged brave smiles, and if their eyes were a trifle moist, who can blame them?

For a time things went swimmingly. Then a cloud appeared. Mary Ellen, it seems, was a rich girl and accustomed to costly pleasures. Poseidon was bone-poor and he quickly ran out of money. Unable to take Mary Ellen to the posh places she fancied and too proud to tell her the reason, he turned surly and full of melancholy. Senseless, violent quarrels developed. Soon it appeared that the romance, so promising at the beginning, was headed for a breakup, but at the last moment, Poseidon managed to blurt out the truth.

"Oh, beloved agrarian!" cried Mary Ellen, grappling him close. "Oh, proud husbandman! Oh, foolish reaper! Why have you not told me before? I have plenty of money, and I will contribute according to my ability."

Poseidon, of course, protested, but she finally persuaded him of the wisdom of her course. From then on they split all expenses according to their incomes. Rather than embarrass Poseidon by handing him money in public, a joint bank account was set up to allow him to write checks. Into this account each week they faithfully deposited their respective allowances — 35 cents from Poseidon; \$2300 from Mary Ellen.

And it worked fine! Gone was all the arguing and bickering. They were happy — truly happy! And what's more, when they graduated they had a nice little nest egg — eight million dollars — with which to furnish a lovely apartment in Lubbock, Texas, where today they operate the local laundromat.

So you see? You too can salvage your failing romance if you will only adopt a healthy, sensible attitude toward money.

©Max Shulman

Lucre is no obstacle when it comes to Philip Morris. Popular prices still prevail for this, America's gentle cigarette, whose makers bring you this column every week.

MS Sponsors Discussion Group Mon. In Hayden Library Lounge

The Military Science Department on April 2 initiated a series of four seminars to be held during the remainder of the spring term. These seminars are open to all seniors taking Military Science. The subjects to be discussed are the results of a survey conducted among the Military Science seniors.

Colonel Charles M. McAfee, Jr., Professor of Military Science and Tactics, opened the series and outlined the scope of subjects to be covered, which include items of interest to newly commissioned Second Lieutenants in the United States Army Reserve. The remainder of the initial seminar was devoted to a discussion of the customs, courtesies and traditions of the service and social obligations of officers.

Each subsequent seminar will consist of a panel-type discussion led by an officer of the Military Science Department. The discussions will begin with a five to ten minute introductory talk which will outline the scope of the subject to be discussed. Students will then be availed of the opportunity to ask questions, the answers to which will be provided by additional members of the Military Science Department serving as panel members.

The next seminar, scheduled for April 16, will be devoted to general items of interest to an officer entering upon active duty. Pay, uniforms, allowances, educational opportunities and housing will be discussed. On April 30 reserve affairs, including reserve organizations and reservist obligations, promotions and other benefits, will be the subject of the seminar. The final seminar of the series, to be held May 14, will consider the officer-troop relationship, and the responsibilities and obligations of officers.

All seminars will begin at 5:00 p.m. and will be held in the Charles Hayden Memorial Library Lounge. Coffee and doughnuts will be served.

Sigma Gamma Tau Initiation Announced

The MIT chapter of Sigma Gamma Tau, the national honorary aeronautical engineering society, held an initiation ceremony last Saturday night, April 7, at Hugo's Lighthouse in Cohasset. The ceremony was followed by a banquet attended by members and guests.

Sigma Gamma Tau was founded by the merger of Tau Omega and Gamma Alpha Rho at Purdue University in 1953.

Those initiated at the ceremony Saturday night are as follows: R. H. Adams, C. Alexoff, R. A. Ausrots, J. M. Balfe, T. C. Blaschke, D. C. Bressler, W. D. Coyne, J. A. Decker, Jr., R. A. Ekstrom, C. B. Fay, A. P. Gale, R. K. Geiger, H. W. Gewehr, A. Ginn, R. A. Hemmes, R. L. Howell, A. J. Kelley, T. J. Kiline, L. D. Lorah, C. W. Meyrick, S. C. McIntosh, Jr., W. R. Mills, L. Schwartz, J. G. Simmonds, L. W. Spradlin, H. H. Moser, T. C. Thomas, M. Tikson, A. Toomre.

Inscomm Execomm Elects 7 Commuters Council Members

The Institute Committee executive committee along with four previously elected members of the recently formed Commuters Council met Wednesday afternoon to appoint the remaining seven Council members. Although the Council constitution as it was approved by Inscomm last Fall calls for the officers to "be elected at large from and by the entire Commuter Association," it was the feeling of execomm and the four Council members previously elected in a general election that "a popular election would consume much more time than feasible", and that "Commuter Council should be set up as soon as possible so that they may begin functioning." The previously elected members who joined with the six execomm members in making the appointments were: Cal Gardner, president; Mel Snyder, secretary; Joe Moloney, Inscomm representative; and George Waugh, 5:15 Club president. Several nominations were made at a meeting of the two groups Sunday night for the class representatives from the Freshman, Sophomore, and Junior classes, as well as Treasurer.

Those appointed in the Wednesday meeting were: Ron Keefe, treasurer; Dave McGrath and George Fishman, Freshman representatives; Freeman Sheppard and Joe Walsh, Sophomore representatives; and Al Hiltunen and Bill Dowdy, Junior representatives.

Although some question of the legality of the decision to appoint rather than hold a general election was brought up after the meeting, the point was later dropped.

Burton House Residents To Take Responsibility For Dorm Property

Responsibility was the keynote of the House Committee meetings last Wednesday night. On the one hand, Dean Fassett made a plea to dormitory residents to accept responsibility in preventing the outbreak of riots on campus this Spring. On the other hand, Burton House Committee resolved that its residents should accept responsibility for the condition of their house.

Dean Fassett, who spoke to Baker Housecomm last week about rioting, this week spoke in Burton House and in East Campus. He again discussed the unfavorable publicity which MIT has received as a result of the Clark and Carnival incidents. "Let us have," he said, "peace, placidity, and no publicity."

Everett Moore Baker Nominations Opened

The Everett Morse Baker Foundation announced this week that it has started nomination procedures for this year's membership.

The Foundation was constituted in 1950 after the untimely death of Dean Baker who was one of the most intellectually active and student oriented Deans of Students at MIT. In the fall of 1950, a special campaign was conducted by the students, and within six months a sizable sum was raised for the Foundation.

The purpose of the Everett Morse Baker Foundation is best expressed in Dean Baker's own words:

"The primary need of our society is for responsible citizens. The college that affords its students opportunity only to learn some science and a little history . . . has only begun its proper functions."

The Foundation is composed of a committee of students selected on the basis of personal expression of Dean Baker's ideals. The Foundation Committee is elected annually by the members of the retiring Committee.

Nominations for the 1956-57 Everett Morse Baker Foundation Committee will be received at the Office of the President, Room 3-208, through April 27, 1956. Statements should include a brief syllabus concerning the present and future needs of the MIT community.

In response to a question from Dormcon, the Burton House Committee passed a resolution stating its "policy . . . on individual responsibility for property in the dormitory." This policy included the following provisions:

Responsible For Own Room

"Each resident is responsible for all property in his room . . . each resident, at the beginning of the year, will be required to fill out and return a check-list . . . of property in his room.

"Each resident is also responsible both morally and financially for all other property in the dormitory . . . Judgment of responsibility for damage is a duty of the House Judcomm.

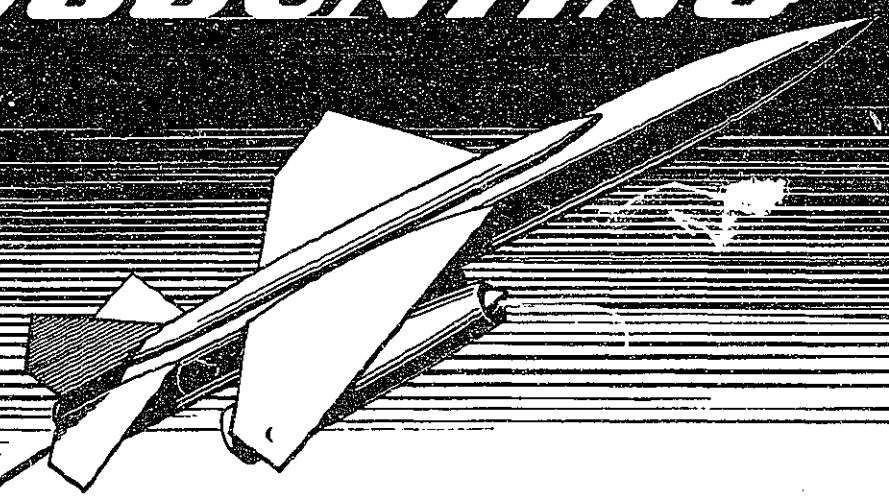
" . . . the Burton House Committee accepts the financial responsibility for the condition of the House, not including maintenance . . . Since the administration now assumes the financial responsibility, the financing of this project shall be discussed with the administration and a suitable fund-raising method shall be arrived at."

Baker, E. C. Meet

Baker Housecomm, in response to a Dormcon question, decided that residents are responsible for guests—and that the Committee is not sure just what is meant by guests.

East Campus Housecomm Social Committee announced good response to this Saturday's Square Dance ticket sales. A "Festa Del Vino" is planned for May 12.

INDUSTRIAL ACCOUNTING



BOEING AIRPLANE COMPANY

WILL CONDUCT PERSONAL INTERVIEWS ON CAMPUS

APRIL 23, 24

Boeing has many desirable positions open in its controller's division for graduating and graduate students. These opportunities include cost accounting, general accounting, sub contract and termination audit...and they all offer better than average pay with excellent advancement possibilities.

Boeing needs Accountants, Statisticians, Production Management majors and students who want to specialize in cost estimating and analysis.

Personal interviews will cover details about specific positions, climate, living conditions, recreational opportunities, housing, schooling, etc. and of course, all the standard benefits that Boeing offers.

You'll want the facts in detail; facts about the future...so come and learn what Boeing has to offer you.

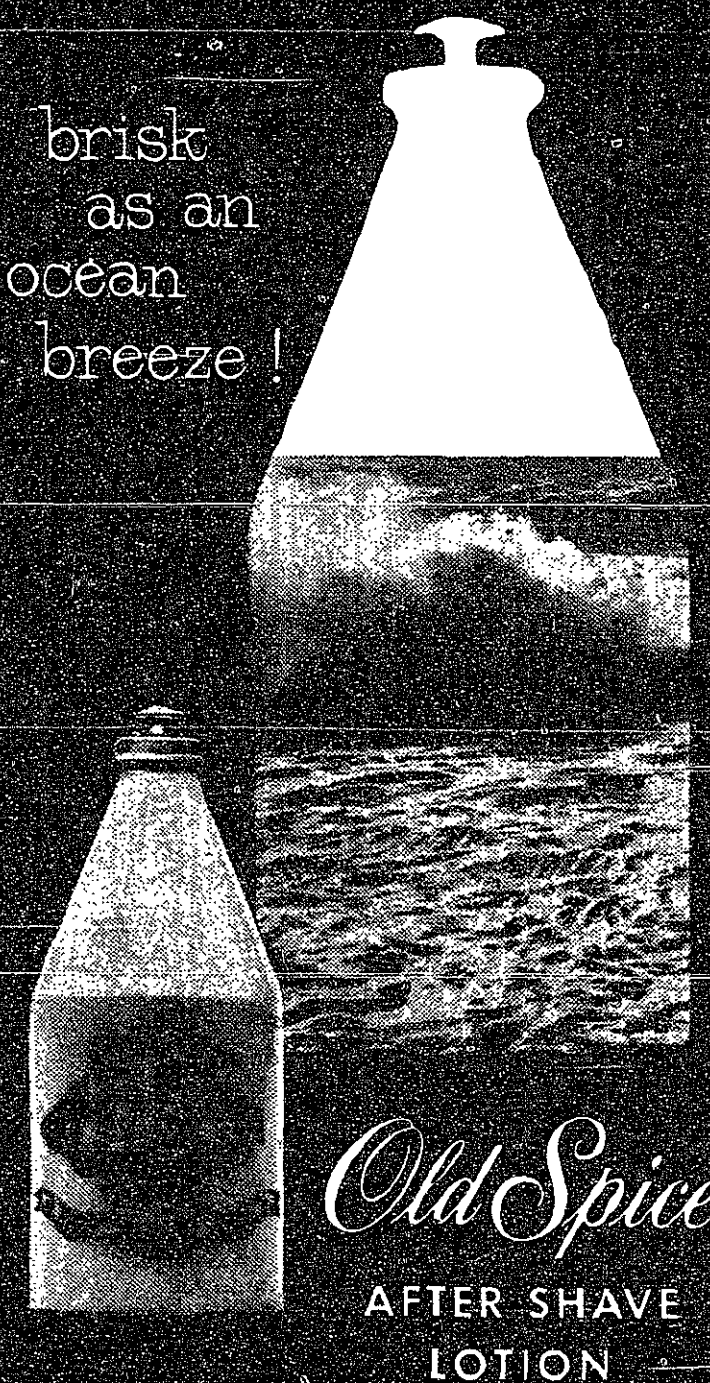
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TRILLING

(Continued from page 1)

tend and improve good borrowed ideas in an original and skillful manner."

In spite of the Soviet strength in science and applied science, says Dr. Trilling, their situation appears less favorable in engineering.

"In the sciences," he notes, "there existed a solid pre-Revolution base which required only to be broadened. In engineering the Soviet system started almost from scratch.

"Moreover, the Soviet regime undertook the task of training a large engineering force while at the same time enormously expanding the national industrial machine. Appreciable progress has been made in both directions, but much remains to be done to create a technical base comparable in engineering instinct to the American or German base."

The number of graduate students at Soviet technical schools is also uniformly low, ranging from two per cent of the student body at Bauman Technical School in Moscow down to zero at many of the outlying institutions. This contrasts to thirty-eight per cent at the Massachusetts Institute of Technology, and an average of twelve per cent in American technical schools generally.

"The Soviet situation," says Dr.

Trilling, "may be the result of a deliberate policy which aims to get engineers into the industrial stream as quickly as possible and to enable the senior professors to educate the best graduates as carefully and thoroughly as possible."

It also appears that insufficient contact with mature creative teaching personnel and a strong emphasis on factual knowledge useful for immediate applications in design and manufacture have limited the number of young people who give promise of originality and show an interest in research by taking an advanced degree.

This has resulted, says Dr. Trilling, in the present emphasis on graduate correspondence courses, the financial rewards offered for an advanced degree, and the fact that the scientist is now praised as the prime builder of the Soviet state—a trend that is likely to become stronger.

"Although a long-range Soviet policy of industrial expansion in the future and the training of additional teachers should provide an increasing supply of engineers," concludes the MIT study, "it is doubtful whether they will generate sufficient self-reliance in technical matters without extensive changes in the entire Soviet approach to the problem of education."

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Once upon a time, there were three bears. No, not the Chicago Bears—just plain old everyday bears: Freddie, Eddie and Teddy. (These were hermit-type



bears whose hut was so far back, they hadn't even gotten word of golden Budweiser!) One day while they were out, a chick named Marilyn comes strutting down the path with some barbecue and Budweiser for Grandma. She spots the bears' hut and decides to take five... when hoity-toity, here

comes the trio. It looks like Marilyn's going to play a one-night stand as a bear dinner, when she pulls a swifty and pours cold Budweiser for all hands. Now, Eddie, Freddie and Teddy aren't polar bears... but they're cool, dad. They latch onto the Bud and send Marilyn on her way.



And before we go on our way... dig this: Budweiser is the beer to have in your hut. Once you latch onto it, you'll find nothing quite matches that Budweiser taste.

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On Deck

Spring Seasons Into Full Swing

Spring sports move into full swing this weekend as the varsity tennis and baseball teams attempt to open their schedules. Besides these events the Rugby Club will move to New York where they meet the New York Rugby Club on Saturday. The sailing team takes on Harvard Saturday and then moves to Providence to try to bring back the Sharpe Trophy on Sunday.

Saturday afternoon at 3:15 the varsity lacrosse team will open its intercollegiate schedule by opposing the University of Massachusetts on Briggs Field. With the experience of last week's game against the Boston Lacrosse Club under their belts and the benefits gained from nearly a week of outdoor practice, thanks to some unusually nice Boston weather, the team should be in good shape for the game. Last year the stickmen topped U. of Mass. 9-3, but the fact that the visitors later topped Harvard is a better indication of their ability.

The tennis team moves to RPI Saturday where they will open their season without the services of Captain and last year's number one man, Al Hahn '56. Also missing will be Juan Hermosilla '57, who was ineligible last year but boasts an impressive past record in various events. Although the squad has not been named yet, Rene Mendes de Leon '56, number two man last year, will probably lead off in the number one spot. Art Drout, promising sophomore, will be pressing the returnees for the top spots this season and will probably be playing high in this opening event.

After a disagreement with the weather authorities, the baseball team will make another attempt to toss out the first ball this afternoon at Brandeis, and again tomorrow at WPI. Weather reports at this time indicate that the success of both events is extremely doubtful.

Freshman sports also swing into high gear, as the yearling baseball and lacrosse teams attempt to win their initial encounters. The frosh crew may also take on some local prep schools "for kicks" if circumstances are right.

Complete schedule for this weekend:

- Friday**
Varsity Baseball—at Brandeis 3:30 p.m.
- Saturday**
Varsity Sailing—Harvard
Rugby—at New York 2:00 p.m.
Varsity Baseball—at WPI 2:00 p.m.
Freshman Baseball—Harvard 2:00 p.m.
Varsity Tennis—at RPI 1:30 p.m.
Varsity Lacrosse—UMass 3:15 p.m.
Freshman Lacrosse—at Lawrence 2:30 p.m.

Sunday
Varsity Sailing—at Providence

FIELD DAY COMMITTEE

Athletic Association President announced Wednesday that nominations are open for all positions on next year's Field Day Committee. Those interested should contact the AA secretary in Tyler Lounge as soon as possible.

Frosh Sailors Win 2 Down Bowdoin 4-1

The MIT Freshman sailing team began the spring schedule of Frosh sports Saturday by taking two meets, two and one-half hours apart. In the first meet, held on Mystic Lake, Medford, the MIT entry, captained by Bill Long and crewed by Phil Beach, turned back a field of thirteen in the meet class of turnabout to take top honors with 37 1/4 points, 1 1/4 points more than the nearest competitor. Returning to MIT the Frosh sailors downed Bowdoin in a best four out of five card, four races to one. The inclement weather caused cancellation of Harvard's entry in the scheduled triangular, and forced both Bowdoin and MIT to switch to storm sails for the day. One Bowdoin boat had to beach on the south shore of the Charles after being swamped by the 25 mph wind.

Dennis Posey and crew Steve Sawin led the way by winning all the Beaver races, with Bowdoin taking only the second event. Giving ample support to the winning team were boats captained by William Johnson and Arthur Nintzess and crewed by Jan Northby and Ralph Alter.

Next on the schedule for the Freshman sailors is a heptagonal meet next Saturday. Other coming events for Freshman sports include: a lacrosse match at Lawrence next Saturday and a baseball game with Harvard, at Harvard, next Tuesday.

As sailing is the first sport on the Frosh calendar, it is the subject for this story, the first of a series concerning Frosh sports. Coming up in the future will be articles about baseball, lacrosse and all other first year sports.

athlete of the week

Two year Varsity Lacrosse letterman, and co-captain of this year's team, Joe Hamlet is this week's choice for Athlete of the week. Joe, who was born in Hackensack, now hails from Du Mont, New Jersey. Before he came to Tech Joe was quite active in both athletics and service activities in Du Mont. Joe lettered on the football and baseball teams, was sports editor of his high school paper, president of his sophomore and junior



Co-Captain Joe Hamlet

classes, and he was president of the local Kiwanis Key Club. Along with his many activities Joe won the top award in the annual New Jersey essay contest on Democracy; Joe's essay went on to place him fifteenth in the national competition.

When Joe came to Tech in '52 his

active spirit was packed with the other belongings he brought with him. He swam for the freshman team in field day, and he went on to win his freshman numerals as a Tech natator. In the spring Joe was attracted to lacrosse and he also picked up a set of numerals in this activity. As a Sophomore Joe wasn't satisfied taking the normal load, he played on the field day football team and also swam on the field day swim team. When the spring rolled around he was again seen on Briggs Field wielding a mean stick on the lacrosse team. This year, his third as a varsity member of the squad Joe was elected co-captain.

Joe has not limited himself to athletics; in his freshman year he was a member of the secretariat, an honorable sportswriter of *The Tech* and a section leader. As a sophomore Joe was business manager of *The Benchmark*, the summer surveying camp yearbook of course I. Joe can be greatly commended for the job he did in organizing an intra mural hockey program, which he did during his junior year. He also served as secretary of the Beaver Key. This year Joe headed the intramural football program, and served, with three members of the corporation, on the President's athletic advisory board. In his fraternity Joe has served as house manager, social chairman, vice president, and now serves as president of his house.

When Joe graduated high school he was awarded the school's award for the best sportsman of the year. I feel confident the coaches and his teammates here at Tech would wholeheartedly agree that Joe was continued in this fine spirit.

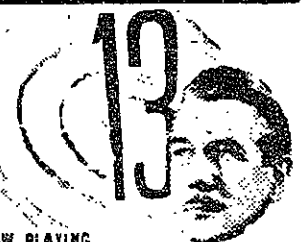
EAST CAMPUS DANCE

East Campus is sponsoring a square dance for couples tonight in Morse Hall from 8-12 p.m. Admission is \$1.25 per couple. The dance will feature a professional caller. Refreshments will be lemonade and cookies.

Honegger's KING DAVID

Sunday, April 15 at Kresge Auditorium
M.I.T. Choral Society 8:30 p.m.
Klaus Liepmann, conductor, with a Chamber Orchestra of Members of the Boston Symphony
Helen Boatwright, soprano
Eunice Alberts, contralto
Donald Sullivan, tenor
Bryant Haliday, narrator
Tickets: \$2 (reserved), \$1.50 (unreserved), \$1.00 (student, unreserved) at the door.

When the impossible became the all too probable



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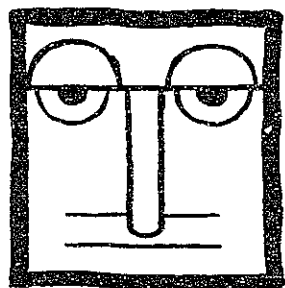


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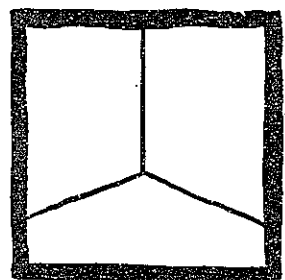
Important: During the entire engagement no one will be seated once the Feature has begun. Please observe the time schedule carefully.

Feature at 10; 12; 2; 4; 6; 10

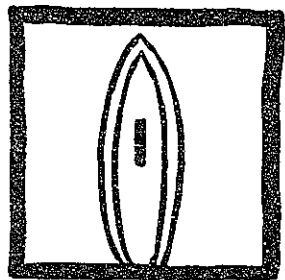
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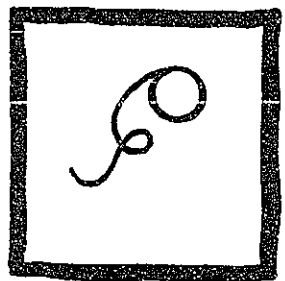
AUTO ON GREASE RACK
Daniel Au
U. of Hawaii



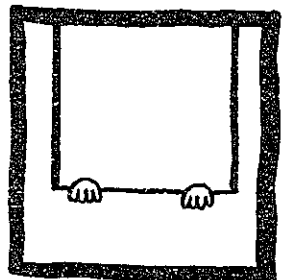
NAUGHTY GHOST STANDING IN CORNER
Robin Maier
Penn State



NEEDLE WITH SOMETHING IN EYE
Richard Silbert
Columbia



COMET WITH PIGTAIL
Amirik Kachigian
Washington U.

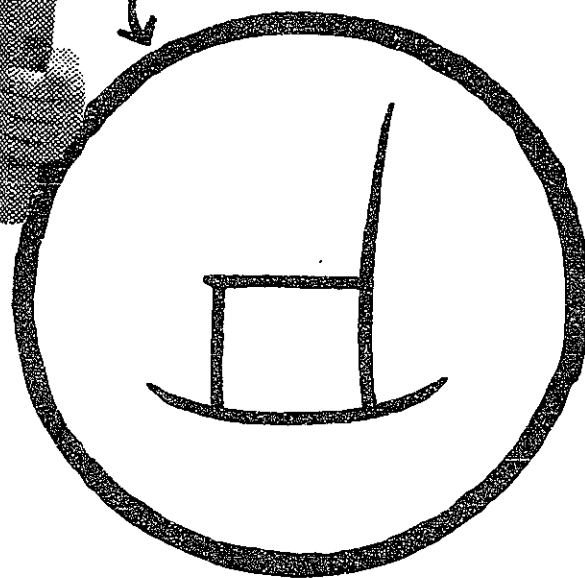


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Melvin Anderson
Colorado State Teachers



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WHAT'S THIS? For solution see paragraph below.



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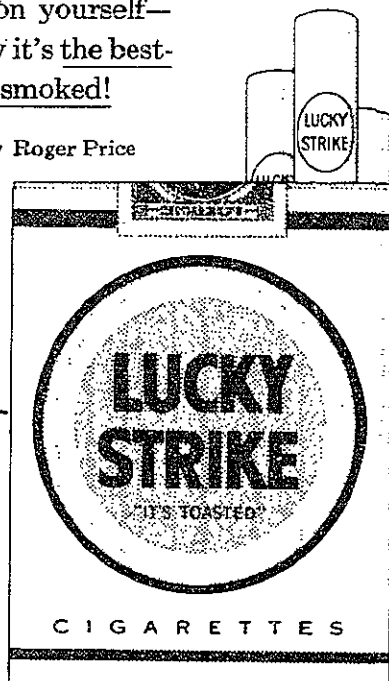
DROODLES, Copyright 1953 by Roger Price

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notices

NEW WTBS PROGRAMS

Beginning this Saturday, WTBS will present a new weekly sports program featuring direct reports on all sporting events taking place at Tech. Also, results of away games will be reported as soon as they are phoned in to the station. The program starts at 2:30 p.m., and beginning on Sunday, the United Press Sunday show will be broadcast by WTBS from 7 to 8 p.m.

AUTOMATIC CONTROLS LECTURE

Mr. J. J. Hess of the Sperry Gyroscope Corporation will speak before the MIT student branch of the A.I.E.E.-I.R.E. on Tuesday, April 17 at 5:00 p.m. in room 4-270, on the subject of "Automatic Controls."

ORGAN RECITAL

Salvador Anifa, well known organist now studying music at Harvard, will give a recital April 15 at 3:00 p.m. in the MIT Chapel. The program will include works by Corelli, Bach, Handel, and Silas.

CALTECH

(Continued from page 1)

tory instruction and the handling of students of exceptional mental capacity. One trend of thought on the latter subject was that these exceptional youths should be separated from the usual curriculum as early as possible and be placed in an atmosphere of concentrated study in their particular field of interest. At the afternoon session graduate school problems were discussed.

The MIT delegation, headed by President Killian, included: E. P. Brooks, Dean of Industrial Management; G. S. Brown, Head of the Department of Electrical Engineering; M. J. Buerger, Chairman of the Faculty; J. J. Snyder, Vice-President and Treasurer; J. A. Stratton, Vice-President and Provost; and M. J. Kelly, President of the Bell Telephone Labs; Edwin Ryer, Vice-President of Barbour Stockwell and Co.; and W. L. Stewart, Jr., Executive Vice-President of the Union Oil Co. The last three businessmen are all Trustees of the Institute.

ARNOLD

(Continued from page 1)

inhibit the free exercise of this process. There will also be a discussion on some of the techniques that seem to be useful in training the students to be more creative thinkers, such as "Arcturus IV."

Ley Lecture

The Lecture by Willy Ley last Tuesday in Kresge Auditorium was well received by MIT. Mr. Ley spoke on the general history of rockets and rocket research, and the small satellites that will be sent out from the earth during the International Geophysical Year.

Mr. Ley emphasized at the end of his lecture that these small unmanned satellites, marvels of engineering that they will be, are only prototypes for bigger things to come in man's eventual conquest of Space.

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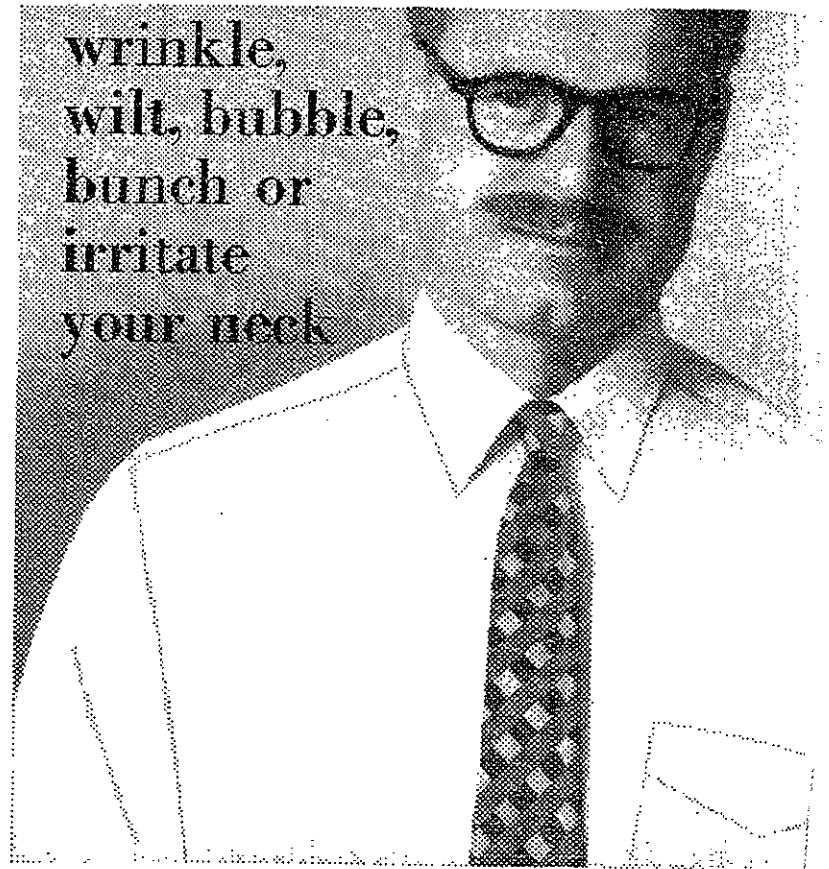
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