

MACMILLAN CENTENNIAL SPEAKER

Centennial Week Slates Famed Men, Public Discussions

Special to The Tech
Thursday, April 6

12 Noon, Rogers Lobby,
77 Mass. Ave.

Registration for Centennial
visitors.

Friday, April 7

10:00 Rockwell Cage

First General Assembly. Principal
Address To Be Announced.
2:30 p.m. Rockwell Cage

Second General Assembly.
Summaries of the closed International
Conference on Scientific
And Engineering Education.

Max F. Millikan, Professor of
Economics and Director of the
Center for International Studies:
**Some Problems of Scientific
and Engineering Education in
Newly Developing Countries.**

Martin Deutsch, Professor of
Physics: **Some Problems of Scientific
and Engineering Education
in countries with more advanced
technologies.**

Elting E. Mortson, Professor
of Industrial History: **Interactions
of Science, Engineering,
and Society.** Walter A. Rosenblith,
Professor of Communications
Biophysics: **The Implications
of Science and Engineering
for International Relations.**

8:00 p.m. Rockwell Cage
Third General Assembly. Address
by British Prime Minister
Harold Macmillan.

Saturday, April 8

10:00 a.m. Rockwell Cage

**How Has Science in the Last
Century Changed Man's View
of Himself?**

Jerome S. Bruner, Professor
of Psychology, Harvard University;
research on the nature of
perception and learning as affected
by motives and personality.

Aldous Huxley, Visiting Professor
of Humanities, MIT; author and
essayist.

J. Robert Oppenheimer, Professor
of Physics and Director of the
Institute for Advanced Study,
Princeton; formerly Director of
the Los Alamos Scientific
Laboratory.

Paul J. Tillich, Professor of
Systematic Theology, Harvard
Divinity School; formerly Professor
of Philosophical Theology,
Union Theological Seminary.

(Continued on Page 5)

Burchard Announces Centennial Delegates

Special To The Tech

Beginning April 2, several
days before the opening of the
actual MIT Centennial celebration,
over 130 renowned scientists,
engineers, and educators from
all over the globe will come
together at MIT for closed
discussions on problems relating
to science and society. The topics
and the world leaders attending
them are:

First Topic: **Some Problems
of Scientific and Engineering
Education in Newly Developing
Countries.**

Dr. Abdul J. Abdullah, President,
University of Baghdad; Prof. Kessar
Alexopoulos, University of Michigan;
Dr. Jaime Benitez, Chancellor,
University of Puerto Rico; Prof. P. M. S.

Balch Announces Interpretation of Intramural Ruling

Director of Athletics Richard
L. Balch announced this week
that no member of an intercollegiate
team may now participate in any
intramural sports during the season
of his sport. This is the official
interpretation which the Athletic
Department will follow concerning
the recent ruling of the Athletic
Advisory Board regarding intramurals.

The original motion passed
by the board allowed intercollegiate
athletes to participate in those
intramurals permitted by his coach
and also left open the possibility
that a player could be excluded
from intramurals even during his
sport's off-season. Both contingencies
are eliminated in this interpretation.

Balch indicated that a violator
could be faced with expulsion
from his intercollegiate team,
but that no action would be
taken against the intramural
team for which he played.

The Athletic Board advises
the President in matters concerning
the Institute Athletic program
and has the power to determine
Athletic policy. It consists of
faculty members, alumni, and the
executive committee of the student
Athletic Association. Dean John
Wilbur of the Civil Engineering
Department is the chairman of
the board.

Blackett, Imperial College of Science
and Technology, London; Dr. Paulino
Garcia, National Science Development
Board, Manila; Prof. Lincoln Gordon,
Harvard Graduate School of Business
Administration; Prof. Everett Hazen,
MIT; Mr. Paul G. Hoffman, Managing
Director, Special Fund, United
Nations; Dr. Kudrate Khuda, East
Pakistan Council of Scientific and
Industrial Research; Prof. D. S. Kothari,
Head of the Department of Physics,
Delhi Univ.; Dr. W. Arthur Lewis,
Principal, University College of the
West Indies; Prof. Edward Mason,
Graduate School of Public Administration,
Harvard; General James McCormack,
Vice President, MIT; Prof. Max A.
Millikan, MIT; Dr. Robt. S. Morison,
Director, Medical and Natural
Sciences, Rockefeller Foundation;
Prof. Selwa Hassar, Physics, American
University of Beirut; Dr. Davidson
Nicol, Principal, Fours Bay College,
Mount Aureol, Sierra Leone; Prof. E.
Hjoku, Department of Botany,
University College, Nigeria; Prof. Lucian
Pye, MIT; Prof. Norman Ramsey,
Harvard; Prof. Abdus Salam, Department
of Physics, Imperial College of
Science and Technology, London; Dr.
M. Santur, Technical University of
Istanbul; Prof. N. Scrimshaw, MIT;

(Continued on Page 3)

Conferees To Hear Minister

Harold Macmillan, Prime Minister of
Great Britain, will give a major
address at MIT on the night of
April 7 as a part of the Institute's
Centennial program. Mr. Macmillan,
whose full title is The Right
Honorable Harold Macmillan,
Prime Minister and First Lord of
the Treasury, United Kingdom of
Great Britain and Northern Ireland,
Chancellor of Oxford University;
has been executive head of the
United Kingdom since December,
1957, when the resignation of Sir
Anthony Eden brought about

In October, 1959, he asked for
a vote of confidence from the
British people, and his party
received an overwhelming majority
of one hundred seats in the
House of Commons, the largest
victory in Macmillan's political
career. Thus assured of the
British people's confidence in
his foreign policy, Macmillan
arranged the ill-fated Summit
conference of May, 1960, in a
special meeting of the heads of
state of Germany, France, and
the United States in Paris, in
December, 1959. Since the
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The Tech

1861-MIT Centennial Year-1961

Vol. 81 No. 3 Cambridge, Mass., Friday, February 24, 1961 5 Cents

Slates Plays, Songs

International Week To Be March 5-12

By Rich Weiner '63

"International Week is coming!" These
are the words of Hami Alcalay '61,
chairman of the International Program
Committee (IPC), which sponsors the
occasion.

This year the all-Institute affair
will be held March 5-12. It will be
highlighted by numerous events
sponsored by the various foreign
clubs at Tech. Special events on
the tentative calendar include a
faculty-student dinner, a panel
discussion concerning the youth
corps, an Indian moiri, an evening
of international songs and folk
dances, exhibition of sports from
other nations, and an international
fiesta ball featuring Latin American
music to round out the week-long
celebration. Alcalay also indicated
there would be arts and crafts
and cultural exhibitions by the
various groups.

IPC is the coordinating body
of all international clubs at MIT.
It has two purposes. The club
contacts incoming foreign freshmen
and helps them get adjusted to
Tech as well and as easily as
possible. Before school, a letter
is sent to each student advising
him concerning clothing and
accessories necessary at Tech and
referring him to a fellow countryman
for any extra help. Hami also
introduces the fellows to IPC at
an early date and offers advice
about what to do when they reach
the United States and who to see
when they get to school.

The second facet of the club
program entails introducing the
MIT community to the culture and
ideals of other nations through
plays, discussions, lectures,
movies, and exhibitions. This is
the guiding purpose of International
Week.

Colony Years End Tomorrow

Zeta Beta Tau To Be Chartered

The Sidney Hill Country Club
in Newton will be the site, this
Saturday, February 25, of an
event long awaited by members
of MIT's Dover Club. The formal
installation of the Dover Club
as the Xi chapter of the national
Zeta Beta Tau Fraternity will
begin at 4:30 p.m., and include
cocktails at 6:00 and a banquet
at 7:00 p.m. Among the distinguished
guests will be Dean Frederick
Fassett, representing the Institute;
Richard Graham, the national
president of ZBT; Stanley Fishel,
a former national president, and
Lee Dover, the general secretary
of ZBT, whose efforts were
largely responsible for the
reinstatement of a ZBT chapter
at MIT. The master of ceremonies
will be Murray Sholkin, a national
vice-president and the chief
trustee of the Dover Club.

Steve Levy '62, the outgoing
president, will speak on behalf
of the Dover Club; Robert
Goldsmith '62, the incoming
president, and the other officers,
will be installed.

The Dover Club had its
beginnings in the fall of 1956
when a ZBT brother transferred
to MIT from McGill University
and found a group of Baker
House men interested in forming
a fraternity. They were granted
colony status by the IFC in
February, 1957, as a petitioning
group, after which they held a
smoker which nearly doubled
their original membership.
About the time that they
reached the second stage of
IFC membership, in February
1958, the Dover Club purchased
their current home at 2018
Commonwealth.

Freshman Introduction To Research Planned By Faculty Members

A series of Seminars entitled
"Invitation To Research" has
been planned for the Class of
1964 in order to further enhance
the undergraduate exposure to
faculty research and reveal its
challenge and rewards. In each
of these seminars, an Institute
staff member will discuss current
research in which he is actively
engaged, pointing out how it
relates to the broader field of
interest, and discussing the
significance of the results
obtained to date. In most cases
these results will not have been
published nor fully assimilated,
and thus problems of interpretation
and correlation will be identified
and discussed. The first of these
seminars will be held in Room
4-270 on Monday, February 27,
from 4:30 to 5:30 p.m. G. W.
Clark, Associate Professor of
Physics, will speak on the
problems of observing and
interpreting non-visible radiation
from space.

Hogge Receives Second Award



Jeff Hogge '63 (second from left) as he was presented with the annual award of the Humane Society of Massachusetts by Sen. Saltonstall (R, Mass.). Hogge jumped into the Charles in an attempt to prevent a suicide before Thanksgiving, 1959.

— Photo by Conrad Grundlehner '64

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| COMPUTER PROGRAMMING | MATHEMATICAL ANALYSIS |
| PRODUCT ENGINEERING | LOGIC DESIGN |
| ENGINEERING WRITING | SYSTEMS ANALYSIS |
| SOLID STATE INVESTIGATIONS | DIGITAL AND ANALOG CIRCUITRY |
| ELECTRONIC PACKAGING | SYSTEM CHECK-OUT |
| | PRODUCTION TEST |

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INTERVIEW DATE ON THIS CAMPUS:

March 2



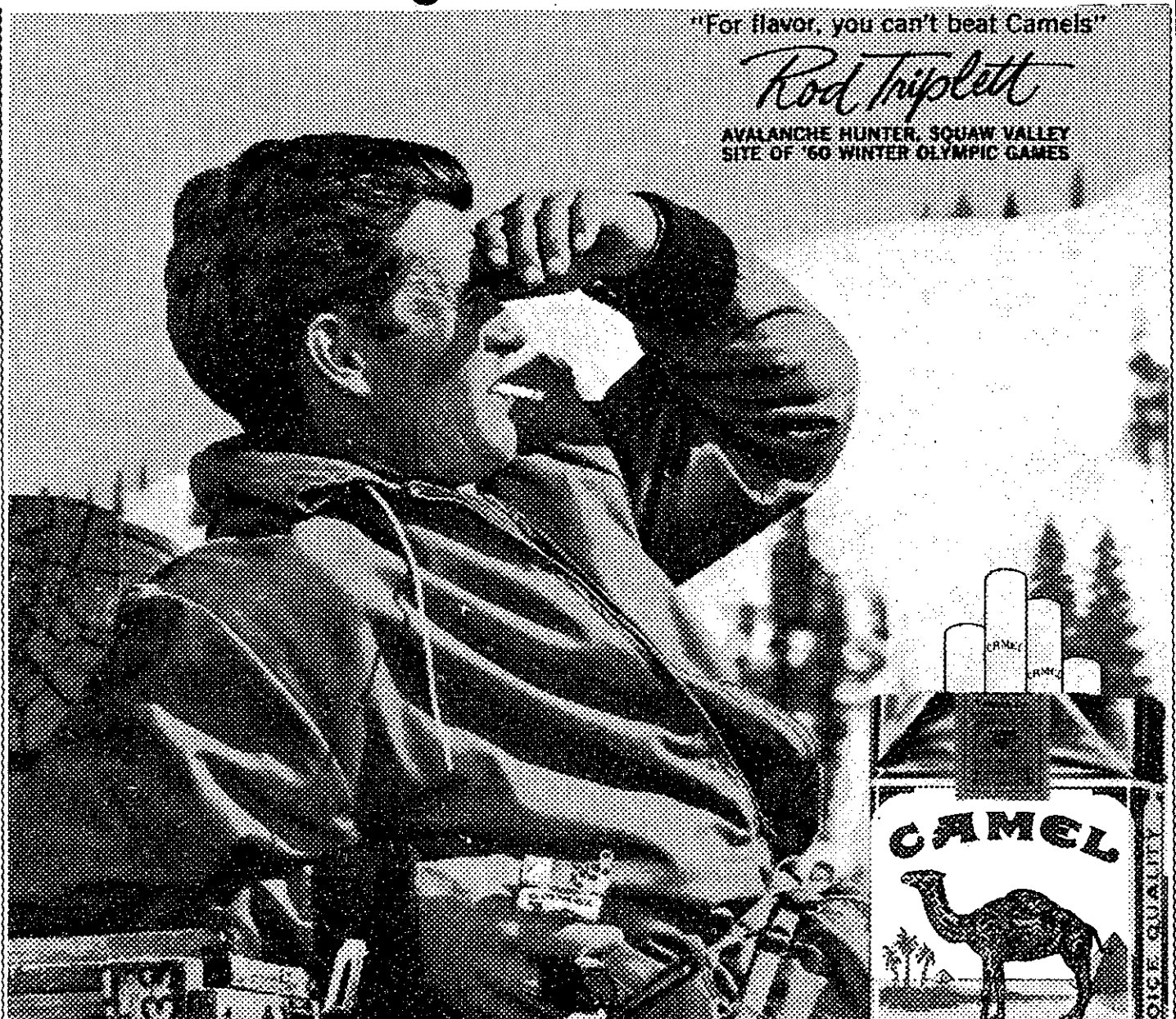
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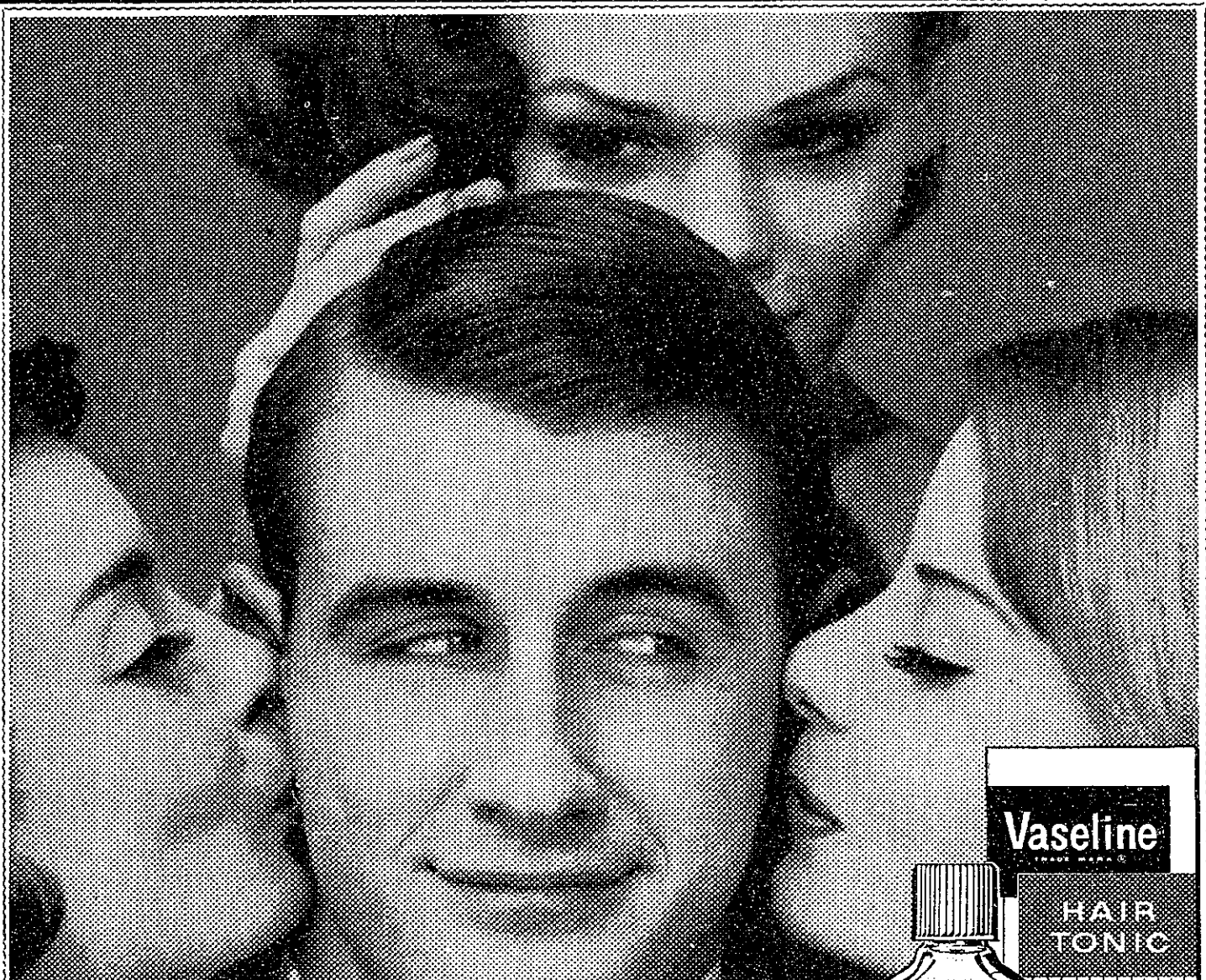
Rod Triplett

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Oppenheimer, Huxley, Land, Salk Among Delegates To Centennial

(Continued from Page 1)

Dr. S. Siddiqui Chairman, Council of Scientific and Industrial Research, Pakistan; Prof. L. Smullin, MIT; Prof. M. S. Thacker, Ministry of Scientific Research and Cultural Affairs, India; Dr. E. Waldenstrom, President, The Grangesberg Co., Sweden; Prof. Carrol Wilson, MIT; Prof. J. Wilson, Department of Geophysics, Univ. of Toronto; Prof. J. Zacharias, MIT.

Second Topic: Some Problems of Scientific and Engineering Education in Countries with more Advanced Technologies.

Prof. J. Baker, Cambridge University, Engineering Laboratory, England; Dr. W. O. Baker, Vice Presi-

dent, Research, Bell Telephone Laboratories; Dr. Carl Borgmann, Director, Program in Science and Engineering, Ford Foundation; Dean Gordon S. Brown, MIT; Prof. Sanborn Brown, MIT; Dr. Hendrik B. G. Casimir, N. V. Phillips Gloeilampenfabrieken, Netherlands; Prof. Paul Chenea, Purdue; Sir J. Cockcroft, Churchill College, Cambridge, England; Dr. James Dixon, President Antioch College, Ohio; Prof. Charles S. Draper, MIT; Prof. Peter Elias, MIT; Prof. Francis Friedman, MIT; Prof. Edwin Gilliland, MIT; Prof. Nils Gralen, Svenska Textilforakningsinstitutet Chalmers Tekniska Hogskola, Sweden; Prof. William Hawthorne, Cambridge University, England; Mr. Henry Heald, President, Ford Foundation; Sir Willis Jackson, Director of Research and Education, Associated Electrical Industries, England; Dean Howard Johnson, MIT; Academician Vladimir A. Kirillin, Academy of Sciences, USSR; Dr. E. Knuth-Winterfeldt, President, Den Polytekniske Laereanstalt, Denmark; Prof. Karl Koch, Elektrotechnisches Institut der Techn. Hochschule, Austria; Dr. Isaku-Koga, Japan; Prof. Erkki Laurila, Finland Institute of Technology, Finland; Prof. M. Opits, Germany; Dr. James A. Shannon, Director, National Institute of Health, USA; Prof. A. Shapiro, MIT; Prof. C. Richard Soderberg, MIT; Dr. Shunichi, Director and Chief, Technical Laboratory, Central Research Institute of Electric Power Industry, Japan; Dr. Mannel Vallart, Mexico; Dr. Alan Waterman, Director, National Science Foundation; Dr. Ernst Weber, President, Polytechnic Institute of Brooklyn.

Third topic: Interactions of

Science, Engineering, and Society.

Prof. Raymond Aron, Universite de Paris, France; Sir Eric Ashby, Master, Clare College, Cambridge University; Prof. George Beadle, California Institute of Technology; Prof. Harry Compton, Washington University; Mr. Lucie Costa, Historico e Artistico Nacional, Brazil; Dr. Luther Evans, The Brookings Institution, Washington; Dean George Harrison, MIT; Prof. Gerald Holton, Department of Physics, Harvard; Dr. Shih Hu, Acad-

Edwin Land, President, Polaroid Land Corporation; Prof. Max Lerner, The New York Post; Mr. A. Mehta, India; Prof. E. Morison, MIT; Prof. Derek de Solla Price, Yale; Prof. Shukel Sambursky, the Hebrew University of Jerusalem; Prof. Adam Schaff, Poland; Prof. Robert Solow, MIT; Mr. James Stanovik, Yugoslavia; Prof. Hans Thirring, Kitzbuhel Tirol, Austria; Academician A. V. Topchiev, Vice President, Academy of Sciences, USSR; Professor Marti Trow, Center for the Study of Higher Education; Honorable Charles Wyzenski, Cambridge; Sir Solly Zukerman, The Univ. of Birmingham, Birmingham; Dr. Arnold Zurcher, Executive Director, Sloan Foundation.

Fourth Topic: The Implications of Science and Engineering for International Relations:

Dr. Pierre Auger, President Comite des Recherches Spatiales, France; Dr. J. Hendrik Banner, Director, Nederlandse Organisatie voor Zuiver Wetenschappelijk Onderzoek, Netherlands; Dr. Lloyd Berkner, President Graduate Research Center, SMU; Dr. E. J. Bhabha, Atomic Energy Commission; Dr. Detlev, President, Rockefeller Institute for Medical Research; Mr. Ritchie Calder, The Gables, England; The Rt. Hon. The Lord Casey, (of Berwick) Australia; Prof. Sydney Chapman, Institute of Science and Technology, Univ. of Michigan; Dr. Brock Chisholm, Canada; M. Francis deRose, Ministere des Affaires Etrangeres, France; Prof. Amos de-Shalit, MIT; Dr. Turban Feysloglu, President, Middle East Technical University, Turkey; Dr. James Fisk, President, Bell Telephone Laboratories; Prof. W. Gentner, Max-Planck Institute, Germany; Prof. Albert Hill, MIT; Dr. Max Kohnstamm, Belgium; Rt. Hon. Philip Noel-Baker, M. P. England; Dr. Emanuel Piore, Vice President, International Business Machines; Prof. Ithiel deSola, Pool, MIT; Prof. Isidor Rabi, Higgins Prof. of Physics, Columbia University; Prof. Eugene Rabinowitch, University of Illinois; Prof. Walter Rosenblith, MIT; Prof. Bruno Rossi, MIT; Prof. Victor Weisskopf, MIT.

Help Centennial

Approximately sixty students are needed to carry out a variety of "aid" jobs during the Centennial Week. Students working as aids will receive, as compensation, a pair of tickets for each of at least three of the six major events of the Week. About twenty students will work from Sunday, April 2, to Thursday, April 6, and a different forty from Friday, April 7, to Sunday, April 9. Students interested in applying for these jobs should contact their living group president, Pete Gray, or the Office of Student Personnel.

emic Sinica, Taiwan; Mr. Aldous Huxley, Visiting Professor MIT; Prof. Roman Jakobson, MIT; The Honorable H. Kabir, Minister for Scientific Research and Cultural Affairs, India; Prof. Abraham Kaplan, Center for Advanced Studies in the Behavioral Studies; Prof. Roy Lamson, MIT; Dr.

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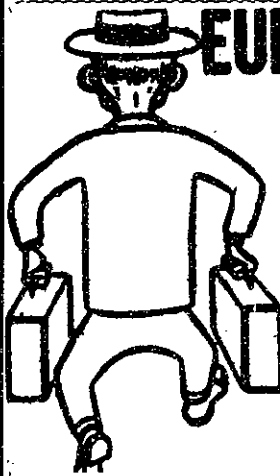
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Since the beginning of his intellectual awareness, Man has looked upward to the outer void surrounding his planet Earth. He has watched the twinkling stars and wondered at the never-ending dance of the planets around the Sun. He has dreamed and written of the possibility of exploring outer space and speculated endlessly on what he might find could he but explore those silent spheres.

A practical beginning to these century long yearnings has already been accomplished with man-made satellites already girdling the Earth. Now, the next stage is under way—the daring attempt to explore the Moon and the planets of our Solar System and their environments.

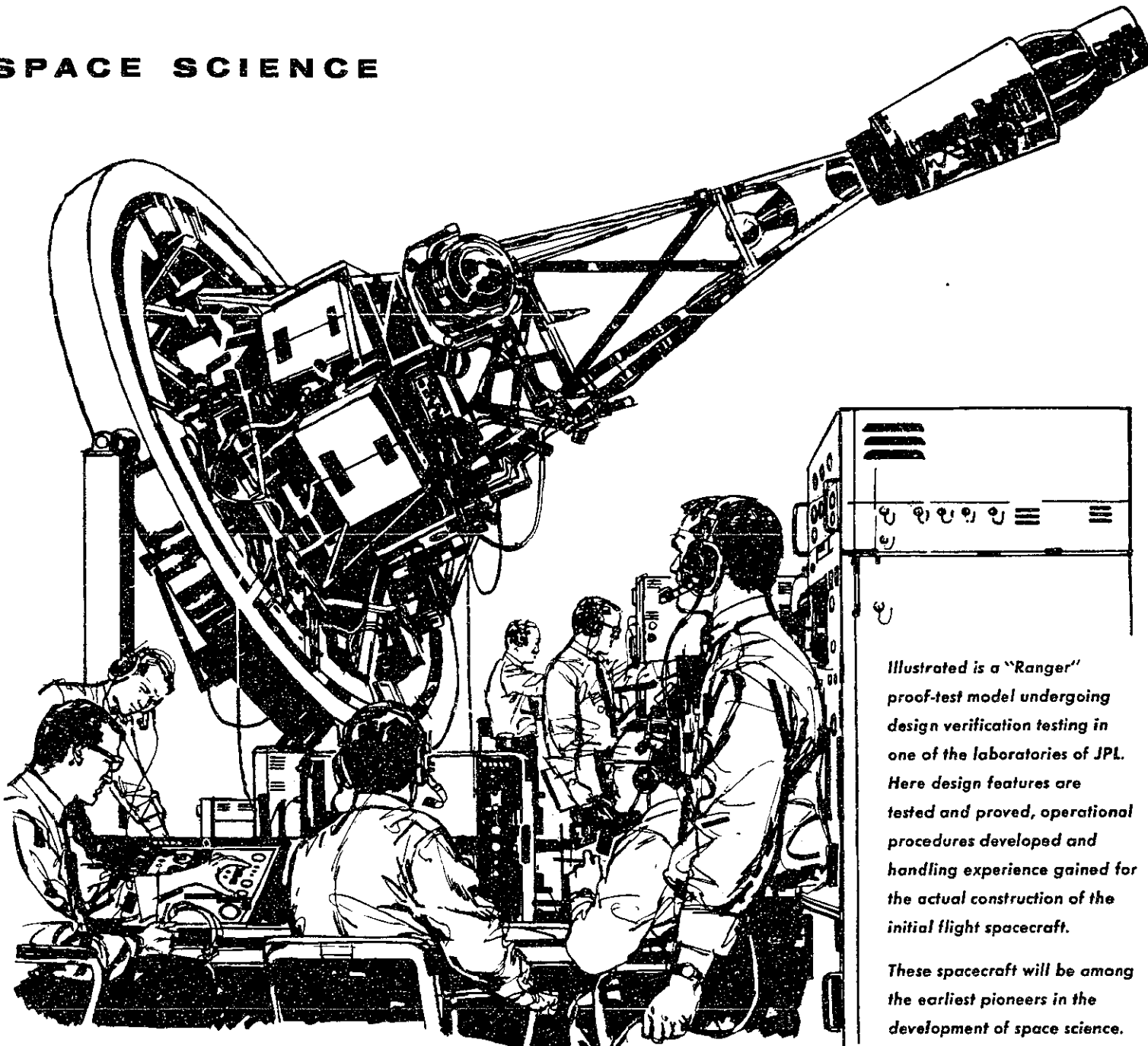
The National Aeronautics and Space Administration has assigned Caltech's Jet Propulsion Laboratory (JPL) the responsibility for the Nation's program of unmanned lunar, planetary, and interplanetary exploration. The objectives of this program are to contribute to mankind's fundamental knowledge of space and the space environment and to the development of the technology of space exploration. For the next ten years, as larger booster vehicles become available, spacecraft with ever-increasing scientific instrument payloads will be developed.

JPL will conduct the missions, utilizing these spacecraft to orbit and land on the Moon, to probe interplanetary space, and to orbit and land on the near and far planets.

Earliest of these spacecraft will be the "Ranger" series now being designed, developed and tested at JPL. The mission of this particular series will include first, exploration of the environment and later the landing of instrument capsules on the Moon.

Subsequent steps will continue a constant probing for the knowledge of what is beyond and will require all the skills, ingenuity, courage, endurance, perception and imagination that men can bring to the task.

Never before has such a wide vista of opportunity, or a greater incentive been open to men trained in all fields of modern science and engineering. Every day at JPL new problems arise, new theories are advanced, new methods tried, new materials used, and new principles discovered. Wouldn't you like to be part of this exciting activity?



Illustrated is a "Ranger" proof-test model undergoing design verification testing in one of the laboratories of JPL. Here design features are tested and proved, operational procedures developed and handling experience gained for the actual construction of the initial flight spacecraft.

These spacecraft will be among the earliest pioneers in the development of space science.



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ON CAMPUS INTERVIEWS

March 16, 17

Few Students

With the announcement of the final plans for the Centennial Week celebration, and with the actual observance fast approaching, we feel it is time for a closer examination of the intent, timing and structure of the plans. The one-hundredth anniversary observance of the founding of MIT should reflect the aims and purposes for which Tech was created, and the aims and purposes that it presently proclaims to the world.

William Barton Rogers founded an institution for the purpose of educating undergraduates, and to this day all statements issuing from here state that MIT is primarily concerned with educating its resident students. For this reason, it is with great concern that we learn of the timing and structure of the celebration of the anniversary of Prof. Roger's institution. Perhaps it was the simplest arrangement to have the ceremonies, panel discussions and speakers during the student body's Spring Vacation, but was it the wisest decision, the decision most in keeping with MIT as an educational institution?

The presence of such men as Oppenheimer, Rabi, Beadle, and many, many others on campus is an unprecedented opportunity for giving the student, undergraduate and graduate, contact with the top men of science and education in the world today. Regretably, this opportunity is not being utilized; the only student participation in the Centennial Celebration is token. There will be a handful of students taking part in the panel discussions, and there will be a brief convocation of students. On the whole, the undergraduate has no feeling whatever in being part of MIT at this time. We wonder how many students feel there is anything special going on except possibly through greater difficulty in tracking down certain faculty and administration members.

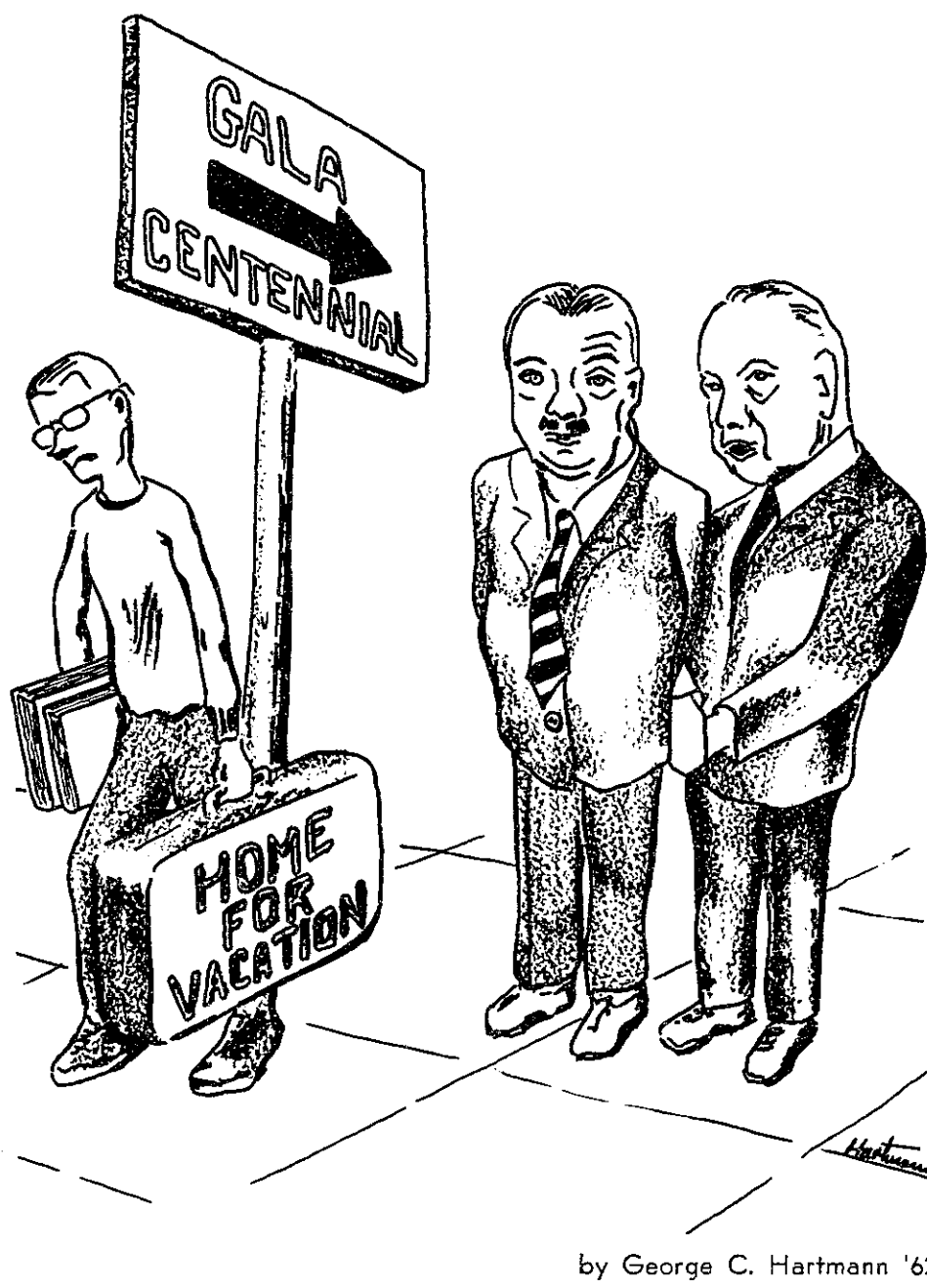
The argument can be presented that the student is here currently only through accident of birth, and on top of that, the undergraduate body is only one of many groups involved with MIT. This might be a valid argument were the circumstances different: we feel that there has been too much emphasis on the non-directly educational functions of the Institute. Something else always seems to come first, generally faculty research, or public relations, or even the graduate student, before the undergraduate. This is just one more straw in the wind.

Lone Man

With the deadline for filing for candidacy for Undergraduate Association President a week away, the field remains at one man. The UAP is the most important undergraduate officer, and it seems strange that only one student deems himself worthy of the office.

It has been a tradition that several candidates suddenly declare themselves shortly before time runs out. The advantage to be gained from this seems a dubious one at best; one would think that the example of last year, when the first man to declare himself won in a landslide, would serve to devalue this approach.

With all the current interest on campus in national politics, it would be fitting if there would be some kind of reflection in local politics. This is the area where direct action has its quickest and best reward. There is no better way to negate the value of an office than to let it go by default, to anyone qualified though he may be.



by George C. Hartmann '62

**"It's just as well, John,
We never see them anyway."**

Letters:

To the Editor:

We are pleased to see that at long last the Athletic Board has decided to make public its views concerning its controversial December legislation. It is a shame, however, that commentary which was so long in coming was also rather sketchy and incomplete.

In his letter last week, Henry Wagner said: "The intent of the resolution is to define the difference between varsity and intramural athletes; so that with increased prestige, the varsity athlete will confine himself to intercollegiate sports. We feel that prestige is something which cannot be given to the athlete through legislation. We find it hard to believe that Henry Wagner, or the A Board can be so firmly convinced that participation in intramurals causes the varsity athlete to lose status.

Mr. Wagner talked also about relieving living group pressure on the varsity athlete. It is our belief that such pressure is no nearly so far flung or intensive as might be intimated from the A boards decision. Furthermore, the legislation just passed will leave many individuals in a much more difficult position than ever before, for they will be faced with irrevocable decisions and conflicting loyalties.

Finally, Mr. Wagner pointed out that passage of the rule will allow new people to take part in the intramural program. This, however, sounds as if the A Board were cutting off its nose to spite its face. Surely an alternative would be to enlarge the intramural program. Leagues of different caliber could be established. Even now many living groups enter a number of teams in a single sport.

The new rule is against anything that we hope MIT stands for. It attempts to provide an external means through which coaches may curtail certain activities of the individual. It substitutes controls for team loyalty and respect.

John Rollwagen '62,
Chairman Elect, IFC
Steve Levy '62,
Vice President Elect, IFC

Progress Into The Second Century Note: The course formerly known as D11 Engineering Drawing is now known as 2.271 Graphical Conceptualization and Analysis.

The Tech announces new business hours Monday 1-3, Tuesday 10-12, Wednesday 1-3, Thursday 11-12 and Friday 1-3. Or call, Peter Thurston, Business Manager, Ext. 3782 or KE 6-1139.

Means To An End

The recent decision by the Director of Athletics to implement an Athletic Board ruling by barring varsity athletes from intramural competition has been subject to considerable criticism from many quarters on campus, some of it just. Before adding ours, we would have a few things clear.

The Tech believes itself to be in general accord with the sentiments and overall objectives of the Athletic Board and the Director of Athletics. We'd like to see MIT teams win. We'd like to see MIT students, in and of themselves, take more interest in the teams' fortunes, both by going out for intercollegiate athletics and by attending the games. We think that being on a varsity squad very likely entails considerable sacrifices, and that MIT athletes often fail to recognize this.

So much for overall objectives. How to implement them? The Athletic Board thinks it has found a way. We have objected to it in the past and we will continue to do so, particularly since the interpretation of the ruling taken by Mr. Balch is such a severe one. We feel that the present situation wrongs the men involved, and may well be deleterious to athletics in general at MIT.

If, as the A. Board hopes, the present policy keeps men on varsity teams from playing in intramurals, intramurals are weakened by removal of those who sustain the level of competition and thus keep the program going. If, as is also possible, second and third string athletes decide they would rather participate in intramurals than sit on a varsity bench, the intercollegiate teams will suffer for lack of depth.

Aside from its effect on the athletic program, the recent ruling is undesirable in that it removes an element of free choice from an area of MIT life. A hard and fast rule, rather than a coach's or an individual's decision, determines what the individual shall do. What has become of the policy of letting students make their own decisions as adults?

Our basic feeling, then, is that we are in accord with the ends, but emphatically not with the means, which the A. Board and the Director of Athletics have employed. We do not think that the principle involved is trivial, or that the effect on athletics at MIT will be salutary. We hope that those who feel as we do will make their feelings known to coaches and members of the A.A. and A. Board, directly or via *The Tech*.

The issue must not be considered closed.

IFC Election

The curtailment of discussion in the Interfraternity Council presidential election last week after candidate and supporting speeches raises certain questions. Bob Dulsky, whose motion to abort debate was carried by a 2/3 majority, said flatly he did not care to discuss the matter.

Ted Jarmain, who had intended to speak at the meeting, commented that having worked with both candidates he felt in a position to discuss them intelligently, and consequently the lack of debate seemed "not discretionary . . . not the thorough discussion typical of I.F.C. elections. . . ."

Without any intention of implying collusion or dark conspiracy, *The Tech* feels lack of discussion to be a serious omission in the election of the I.F.C. president. He represents over a thousand students, and vocal consideration of the comparative merits of the candidates would seem to be crucial in his selection. Casting no aspersions on the duly elected president, we feel the election was completed without the representative comment which was available. The decision to stifle debate was a serious disservice to all concerned.

Arts, Physical and Life Sciences To Be Group Discussion Subjects

(Continued from Page 1)

Saturday, April 8

10:00 a.m. Kresge Auditorium
The Future of the Arts in a World of Science.

Lukas Foss, Professor of Music, University of California (Los Angeles); composer, conductor, and pianist; winner of the Prix de Rome (1950), the Horblitt Award (1951), and the Naumberg Award (1957).

Howard Mumford Jones, Lowell Professor of Humanities, Harvard University; author, editor, and critic.

Louis Kahn, Chief Critic of Advanced Architectural Design, Yale University; architect, designer of buildings and public housing developments, planner and author.

10:00 a.m.

Compton Lecture Hall

The Future in the Physical Sciences.

Sir John Cockcroft, Master of Churchill College, Cambridge University; formerly Director of the British Atomic Energy Research Establishment (Harwell); winner of the Nobel Prize in Physics (1951) and the Atoms for Peace Award (1961).

Richard P. Feynman, Professor of Theoretical Physics, California Institute of Technology; contributor to quantum electrodynamic theory; winner of the Albert Einstein Commemorative Award, 1954.

Rudolf Peierls, Professor of Mathematical Physics, University of Birmingham, England; member of the Governing Board of the National Institute for Research in Nuclear Science (England); winner of the Royal Medal of the Royal Society, 1959.

Chen Ning Yang, Professor of Physics, Institute for Advanced Study, Princeton; co-winner of the Nobel Prize in Physics and winner of the Albert Einstein Commemorative Award, 1957.

2:30 p.m. Rockwell Cage

Arms Control. Paul M. Doty, Professor of Chemistry, Harvard University; winner of the American Chemical Society Pure Chemistry Award, 1956.

Herman Kahn, Physicist, the Rand Corporation; contributor to operations research and military strategy theory; formerly at the Center of International Studies, Princeton University.

Richard S. Leghorn, Founder and President, Itek Corporation; government consultant and development physicist; Technical Deputy to the President's Joint Disarmament Study Commission, 1959-60.

The Right Honorable Philip J. Noelbaker, Member of Parliament, London; winner of the Nobel Peace Prize, 1959.

2:30 p.m. Kresge Auditorium

The Life of Man in Industry. William O. Baker, Vice-President, Research, Bell Telephone Laboratories; chemist, research administrator, and consultant; member of the President's Science Advisory Committee; Chairman of the National Science Information Council.

Edwin H. Land, chairman of Polaroid Corporation; inventor of light-polarizing materials, rapid photography methods, and optical equipment.

Frank Pace, Jr., Chairman of General Dynamics Corporation,

Ltd.; member of the President's Advisory Committee on Management Improvement; former Secretary of the Army; Chairman of the NATO Defense Ministers' Conference, 1950.

William H. Whyte, Assistant Managing Editor, Fortune Magazine; author of *Is Anybody Listening?* and *The Organization Man*.

2:30 p.m.

Compton Lecture Hall

The Future in the Life Sciences. George W. Beadle, Chancellor of the University of Chicago; former Chairman of the Division of Biology, California Institute of Technology; co-winner of the Nobel Prize in Medicine, 1958.

Peter B. Medawar, Jodrell Professor of Zoology and Comparative Anatomy, University College, London; contributor to

research on growth and cellular transformations; winner of the Nobel Prize in Medicine, 1960. Hermann J. Muller, Distinguished Service Professor of Zoology, Indiana University; winner of the Kimber Genetics Award, 1955, and the Nobel Prize in Medicine, 1956, for research in genetics.

Dr. Jonas E. Salk, Commonwealth Professor of Experimental Medicine, University of Pittsburgh; scientist and physician, developer of the poliomyelitis vaccine.

6:00 p.m. The Faculty Club, Walker Memorial, Baker House, and the Campus Room

President's Reception and banquet for alumni. Address by James R. Killian, Jr., from the President's Banquet.

8:00 p.m. The Statler-Hilton President's Banquet in honor

of Official Delegates to the Centennial Convocation; address by James R. Killian, Jr., Chairman of the Corporation.

Sunday, April 9

3:00 p.m. Rockwell Cage
Centennial Concert: Haydn's *The Creation*, MIT Choral Society with members of the Boston Symphony Orchestra and soloists, Klaus Liepmann, Professor of Music, conductor.



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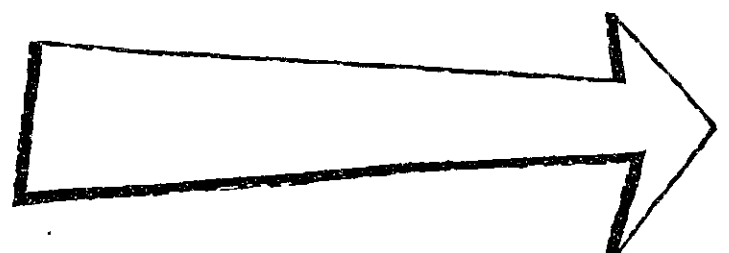
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Tech Five Takes Two

By Edward M. Schneider '62
The MIT varsity basketball team faces New Hampshire tomorrow night hoping to increase its current winning streak to three games. In their past two encounters, the Engineers were forced to rally before squeezing by Bowdoin and Middlebury, both in overtime.

Against Bowdoin, Tech trailed 52-50 with only five seconds left. Tom Burns '62 brought the crowd to its feet as he drove down the court for a layup. The ball circled the rim and dropped out, but alert Kent Groninger '63 put in the rebound as the buzzer sounded.

With just thirty-five seconds remaining in the overtime period and the score knotted at 57-57, Tech worked the ball for a last shot. With three seconds to go, George Wyman '62 was fouled in the act of shooting. He missed his first free throw but connected on the second to give MIT a 58-57 victory. In addition to his 19 points, Koch had 20 rebounds, high for the year in MIT games.

Koch also scored all six points in the overtime period against Middlebury as MIT won 56-54. A long set shot by a Middlebury player with seconds left in the last half had sent the game into overtime.

Wrestlers Triumph Twice Dartmouth, RPI Bow Easily



— Photo by Allan Rosenberg
Tech's Tom Gerrity on top of RPI's Frank Cestone, where he stayed most of the bout, eventually gaining a shutout victory as MIT picked up its seventh victory.

Coach Alex Sotir's varsity wrestlers notched two more victories this week, over Dartmouth and Rensselaer Polytechnic Institute. Now 7-0-2 on the season, Tech's matmen face Springfield, New England's perennial powerhouse, this Saturday at Rockwell Cage. Springfield won ten of eleven this year, bowing only to Army. The match is a part of All-Sports weekend.

Tech topped RPI 19-8 on Wednesday. Captain Dave Latham '61 took the 130-pound match, pinning Tony Adornetto in 4:24. 137-pound Jim Evans '63 shut out Art Jackson, 5-0 and undefeated Greg Brown '62 blanked Mike Potozak by the same score for his ninth straight.

John Sullivan '61 squeaked out a 6-4 win over John Bain, his 157-pound opponent, while Tom Gerrity '63 shut out Frank Cestone, 6-0. Howie Graves '62 and Win Abranovic drew, 5-5. 25-5 was the score of last Saturday's Dartmouth match. Dave Latham '61 tallied the lone pin of the encounter, nailing Pete Brink in 4:20.

Greg Brown '62 nipped Green Captain Roy Holmberg 4-2. John Sullivan stopped Dick Kiphart 5-1 and Howie Graves '62 blanked George White 5-0. Jack Smith tallied a 6-1 win over George Morton.

Tom Gerrity '63 battled Till Schreiber to a scoreless tie; Armen Gabrielian bowed 7-0 to Andy Alland.

IM Volleyball

Living groups wishing to change their entries in intramural volleyball because of the new restrictions on intercollegiate athletics from intramurals may do so without losing their deposits by calling John Cottrell at KE 6-1139 or Ext. 3782 by 2 p.m. Saturday, February 25.

Trackmen Victorious; Morrison Stars

Co-captain Don Morrison '61 scored four firsts and a second to pace the MIT trackmen to their first victory of the season as the cindermen routed Brandeis 70-36 Wednesday afternoon at Rockwell Cage. Meanwhile the frosh bowed to Andover Academy 67½-36½. Saturday the varsity were downed by Bates 81½-31½, while the freshmen topped the Bates JV's 55¼-53¼.

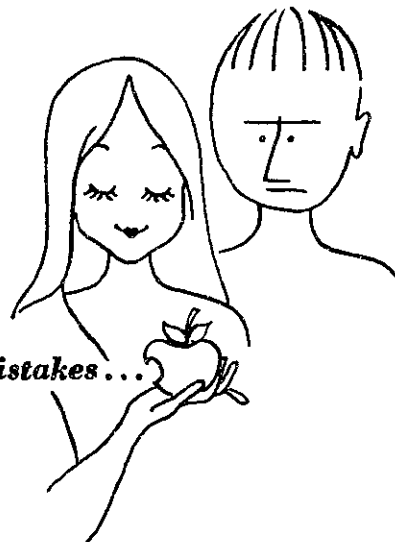
Morrison took the laurels of the broad jump, 50-yard dash, and high and low hurdles, as well as a second to account for 23 points in the Brandeis contest. The versatile senior also competed in the high jump. Al Ramo '63 was a double winner for the second week in a row in the 35-pound weight throw and shotput.

The other winners were George Withbroe '61 in the 1000, Tom Goddard '63 in the mile, and Bill Graham '63 in the pole vault.

Ramo's 10 points were high for the Bates meet, while Mike Robson's 12½ tallies, including a twin victory in the mile and 1000, paced the frosh win.

Tomorrow both squads face UNH at Rockwell Cage.

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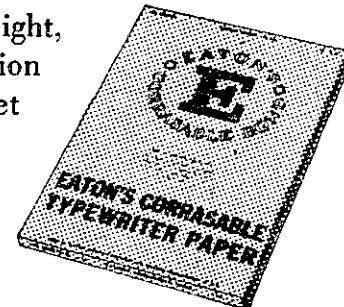
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Swimmers Split Two Contests

Led by their outstanding divers and several record holding swimmers, Tech's mermen overcame Adelphi last Saturday before suffering a defeat at Springfield Wednesday, as the divers were beaten for the first time, in a very close decision. The squad now has a 6-3 record.

Diving very well this season have been Bill Bails '62, Steve Coleburn '63, Gordon Mann '62, and Lew Thompson '63.

Swimmers contributing significantly in the Adelphi meet were Dave Stein '62, Jed Engeler '62, Roger Cooke '62, Pete Bankson '62, and captain Tony Sylvestri '61, all whom have broken or have been pushing school records this season.

Stein has broken Institute records in the 220 and 440 yard freestyle, with Engeler also swimming under the records in these events. Cooke now holds the record in the 50 yard freestyle, as

Tech Squash Team Routs Connecticut

Tech's varsity squash team, coached by Ed Crocker, entered the win column for the second time last Saturday with a 9-0 conquest on the University of Connecticut. Playing the number one slot, Monroe Labouisse '62 tallied a 3-0 win. Team Captain Farid Saad '61 won 3-0 in the second position. Both Saad and Labouisse are hopeful of seedings in the national tournament to be held Friday and Saturday, March 3 and 4, at Williams College.

Number three man George Meyer '62 and number four man Loutfy El Sherbiny '61 both won 3-0. UConn won one game against Razi Sihri, but Sihri, MIT's number five man, went on to win 3-1. Playing the sixth position, Joe Rapaport '62 won 3-0. Union forfeited the last three matches. Joe Strutt '62, Pete Svahn '63 and Matt Lind '63 occupy the seventh, eighth and ninth slots for Tech.

does Bankson in the individual medley. Sylvestri has been coming close to the existing mark in the 100 yard butterfly all season. In the breast stroke event Dave Carey '62, John Cervenka '63, and Charles Einolph '63 have consistently performed ably. Cervenka managed the only first at Springfield.

Riflemen Take Third Of Thirty In Big Meet

Saturday a four man MIT rifle team placed third among the thirty teams in the Fifth Annual Coast Guard Academy Invitational Match at New London. The team of Bill Leffler, Richard Ludeman, Steve R. Smith, and Terry Foster won third place medals with a score of 1134. First and second place St. John's and CCNY had scores of 1144 and 1142 respectively. High man for MIT was Bill Leffler '61 with a 289, one of the top scores of the day. A second MIT team placed a creditable seventh in the match.

All Sports Day Set Nine Games Slated

Tech sports fans will get a treat this weekend with three home games today and nine on Saturday, when the AA and Q Club will sponsor the second winter All Sports Day, including a cocktail party at Delta Tau Delta, from 4 to 6 p.m., and an informal dance in Rockwell Cage following the basketball game.

In the Afternoon Tech's undefeated varsity wrestlers go after Springfield, their last obstacle to supremacy in New England. The Cage is expected to see a nip and tuck indoor track meet as the thinclads host the New Hampshire Varsity and Freshmen. Squash with Penn, fencing with Stevens and a hockey game with the Alumni round out the program.

The Tech basketball team, riding high in its best season in years, meets UNH in the Cage Saturday night.

Tech Skiers Take Two More Victories

Tech's high-flying ski team added two more victories over the weekend, copping the Amherst Giant Slalom at the Dartmouth Skiway on Saturday and taking the Asa Osborne Two Run Slalom at the Suicide Six in Vermont on Sunday. Bad weather and poor conditions marred both contests.

Pete Goldstern, Georgio Emo, and co-captain Roberto Peccei led the team on both days by finishing second, third, and fourth, respectively, over a badly rutted course on Saturday.



On Campus with Max Shulman

(Author of "I Was a Teen-age Dwarf", "The Many Loves of Dobie Gillis", etc.)

"THE SLOW RUSH"

Illustrated below is the membership pin of a brand-new national fraternity called Signa Phi Nothing. To join Signa Phi Nothing and get this hideous membership pin absolutely free, simply take a pair of scissors and cut out the illustration and paste it to your dickey.

Let me hasten to state that I do not recommend your joining Signa Phi Nothing. The only thing I recommend in this column is Marlboro cigarettes, as any honest man would who likes a filtered cigarette with an unfiltered taste, who yearns to settle back and enjoy a full-flavored smoke, whose heart is quickened by a choice of soft pack or flip-top box and who gets paid every week for writing this column.

It is difficult to think of any reason why you should join Signa Phi Nothing. Some people, of course, are joiners by nature; if you are one such I must tell you there are any number of better organizations than Signa Phi Nothing for you to join—the Mafia, for example.

But if you should join Signa Phi Nothing, let me give you several warnings. First off, it is the only fraternity that admits girls. Second, there is no pledge period; each new member immediately goes active. Perhaps "inactive" is a more accurate term; there are no meetings, no drives, no campaigns, no sports, no games, no dues, no grip, and no house.

The only thing Signa Phi Nothing has that other fraternities have is a fraternity hymn. In fact, two hymns were submitted



to a recent meeting of the national board of directors (none of whom attended). The first hymn goes:

*Hotcha, boop-boop-a-doop,
Mother's making blubber soup.*

The second hymn is considerably longer:

*A Guernsey's a cow,
A road is a lane,
When you're eating chow,
Remember the mein!*

Pending the next meeting of the national board of directors, which will never be held, members are authorized to sing either hymn. Or, for that matter, *Stardust*.

Perhaps you are asking why there should be such a fraternity as Signa Phi Nothing. I will give you an answer—an answer with which you cannot possibly disagree: *Signa Phi Nothing fills a well-needed gap.*

Are you suffering from mental health? Is logic distorting your thinking? Is ambition encroaching on your native sloth? Are your long-cherished misapprehensions retreating before a sea of facts? In short, has education caught up with you?

If so, congratulations. But tell the truth—wouldn't you like to make an occasional visit back to the good old days when you were not so wise and composed and industrious—when you were, in fact, nuttier than a fruitcake?

If you pine for those old familiar miasms, those dear, dead vapors, join Signa Phi Nothing and renew, for a fleeting moment, your acquaintance with futility. We promise nothing, and, by George, we deliver it!

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Ralph Kirkpatrick Here

A fair-sized audience turned out to welcome harpsichordist Ralph Kirkpatrick to Kresge Auditorium last Sunday, February 19. Its response was exceptionally enthusiastic throughout the afternoon. Mr. Kirkpatrick's playing fully deserved the appreciation in its own right. He seemed to enjoy himself, gladly played two encores, and would probably have played more.

Mr. Kirkpatrick chose his program entirely from the early eighteenth-century heyday of the harpsichord. Two Bach masterpieces, the Italian Concerto and the Chromatic Fantasy and Fugue, stimulated his best and most rewarding efforts of the afternoon. He began both works in a traditional and eminently classical manner, but unleashed increasing power as they moved toward their impressive climaxes, as though the vitality of the music seized upon him while he played. The pieces by the French composers Couperin and Rameau proved almost as satisfying, in his hands.

— Harry W. McCraw '62

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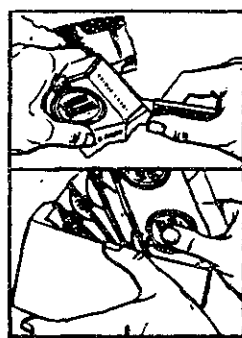
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