Ban At Least Some H-Bomb Tests, Say MIT Physicists

The Massachusetts Institute of Technology physicists have proposed that the United States test one or two H-bomb devices in the near future as a preliminary to finding a basis for a test ban. The physicists, who are the leaders of the American Committee for a Test Ban, are proposing that the tests be conducted either in the air or at sea, with devices of 50 and 100 kilotons of explosive power respectively. The committee has already made a series of such proposals to the U.S. government, which has been reluctant to agree to any restrictions on nuclear testing.

The MIT proposal is based on the idea that a partial test ban would serve as a demonstration of the United States' commitment to nuclear disarmament. The committee argues that a test ban would be a signals that the United States is serious about reducing its nuclear arsenal, and that other countries would be more likely to agree to a complete test ban in the future.

The MIT proposal has been well received by the scientific community, and has been endorsed by a number of other physicists and nuclear experts. However, it is unlikely that the U.S. government will agree to the proposal, as it has been reluctant to grant any restrictions on nuclear testing.

The MIT proposal has also been criticized by some members of Congress, who argue that a test ban would only serve to weaken the United States' nuclear deterrent. They argue that the United States should be testing nuclear weapons at the highest possible levels, in order to maintain its strategic superiority.

Despite these criticisms, the MIT proposal has been well received by the scientific community, and has been endorsed by a number of other physicists and nuclear experts. The proposal is expected to be discussed further at a meeting of the American Physical Society later this month.
The Tech

FRIDAY, OCTOBER 19, 1956

The Ballroom of Fisher College.

Hop: There will be a Harvest Hop at Fisher Junior College, Saturday, October 20.

Dance: The Riverway House of Wheelock College is giving an acquaintance dance Friday the 19th.

Wheelock over Dance: The Riverway House of Wheelock College is giving an acquaintance dance Friday the 19th.

Mixer: All Techmen are welcome at a mixer sponsored by the Junior College, Auburndale, Mass., is sponsoring an acquaintance dance Friday in Reynolds Hall at 8:30 P.M. It will be held in the Ucheeroom of Fisher College.

Lockheed

Graduates in Engineering...Physics...Mathematics

Lockheed Representatives of the California Division and the Georgia Division

Mon., Tues & Wed., October 22, 23 & 24

You are invited to consult your placement officer for an appointment.

Separate interviews will be given for each division.

Both divisions of Lockheed are engaged in a long-range expansion program in their fields of endeavor.

At Lockheed is Marietta, Georgia, new C-130A turbo-prop transports and B-47 jet bombers are being manufactured in the country's largest aircraft plant under one roof. The division is already one of the South's largest industries. Moreover, a new engineering center is now in development as part of the division's expansion program. In addition, advanced research and development are underway on nuclear energy and its related applications. A number of other highly significant classified projects augment the extensive production program.

Lockheed

This broad expansion program is creating new positions in each division. Graduates in fields of: Aeronautical Engineering, Electrical Engineering, Mechanical Engineering, Mathematics and Physics are invited to investigate their role in Lockheed's expansion.

Professor Alan Blum paced the floor as he talked about his new book, "Walt Disney and the Politics of Morality. Essentially my analysis of President Blum is neither black or white—it's more a gray. Wilson was a tragic figure because he did not live up to his own higher. His personality was probably influenced a great deal by his southern culture and Calvinistic upbringing. He tended to moralize and personalize issues. Wilson, however, had one great asset—his ability to convey himself to the American public. His philosophy of the dignity of man has deeply influenced him and our times."

The telephone rang and Professor Blum answered. During our conversation, we had time to look at the pictures on his wall. There was one of "T.B." as Dr. Blum referred to him; on the opposite wall there was one of F.D.R. He explained later that, unfortunately, Morgan Memorial did not have a picture of Woodrow Wilson. During his telephone conversation Professor Blum displayed his character or vitality. We noticed that at one instant he was carefully analyzing a manuscript and the next he was joking about an event which had happened that day.

After hanging up the phone, Professor Blum turned and smiled. "You are probably wondering about this large Adiai Stevenson button I am wearing and about the Democratic posters around my office. I became a Democrat in 1932 when I was looking for a personal salvation. As you know, the depression was at its height during this time. I even did work on W.P.A. After the depression I was an advocate of the need for the United States to get into the second World War. I still believe in the policies of a social service state as advocated by the Democratic Party. The Republicans have come closer to this idea but they are still dominated by big business men. He must not only what they say but is still true.

"I certainly hope the Democrats can win this election year for my hopes for Eleanor Roosevelt have been dimming since October 6. He doesn't seem to put his personal perhaps that his ideas are the most radical in the Northeastern states. Of course, I do mean to give up hope for the Demo
crate—Adiai still has a strong chance."

Professor Blum stopped for a whilst and we asked him a question about his life. "I received my doctorate from Harvard, where I studied with Professor Blum. At present, however, I am working on a book about Henry Morgenstern. I know he was a statesman or a politician during F.D.R.'s administration. You must excuse me now for I have a class to attend."

As we were leaving Professor Blum invited us to come back and talk again. We were quick to accept.
The Tech
Page Three

NSA Foreign Committee Relations: Forms Policy On Varied Issues

by William Cranker '56

Though the expressed opinion of each quarter is that the National Student Association is a meaningless body, the regular once-in-as-long-as-it-takes representation and influence in national student opinion, it does perform functions which have so far been quite publicized. Along with the rest of the NEA, the Committee on International Relations held its annual policy meeting last August. At its meeting, the committee formulated a national student policy which can be used to influence international relations.

Soph Muglift Tonight? Will Frosh Be There?

Tonight, Rowell Cage will ring the traditional songs, cheer, and other unpredictable noises of the Sophomore Muglift. This annual beer-drinking party, held by visiting freshmen, due to its entertainment which is usually unpredictable, is the cause of the Sophomore Muglift.

Students Association is Meaningful, Some Quarters Believe

Though the expressed opinion from some quarters is that the National Student Association is a meaningless body, the committee feels that it can help and should attempt to free the education of the nation. The purpose of the committee is to formulate a national student policy which can be used to influence international relations.

Some of our metallurgists carry out fundamental research investigations early, for he feels that the selection of an effective new application, when highly purified on a commercial scale. It is great interest of several other countries to study here at MIT the first courses in soil mechanics; yet for our U.S. citizens in the United States.

I am sure his presence here will be an inspiration to students and staff alike.

Dr. Terzaghi is one of the great pioneers in civil engineering," said Dean Soderberg in announcing the appointment, "and although he will be at MIT on a limited basis only, I am sure his presence here will be an inspiration to students and staff alike."

Dr. Terzaghi previously taught at MIT in the late 1930's. He developed at MIT the first courses in soil mechanics to be given in the United States.

Dr. Terzaghi has received numerous awards and prizes. These include three awards of the Norman Medal (American Society of Civil Engineers); the Diamond Fellowship Medal and the Clemens Herschel Award of the American Institute of Civil Engineers; the Bronze Medal of the Franklin Institute; and the New England Award of the Engineering Foundation of New England.

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Dr. Terzaghi previously taught at MIT in the late 1930's. He developed at MIT the first courses in soil mechanics to be given in the United States. He is also a member of the Board of Academic Fellowships of the University of Illinois.

An Honorary Member of the American Society of Civil Engineers and a member of the American Institute of Civil Engineers, he was elected to the National Academy of Engineering a few years ago, and is a member of the American Academy of Arts and Sciences. He is also a member of the American Academy of Arts and Sciences.

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In The Reader's Digest $1,000 College Contest. You can’t even find out, too, with other students in your college in America. Join, if you like! The contest is open to all students in the United States. The contest closes at midnight, Oct. 28.

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 slowdown in the student union. The committee believes that it can help and should attempt to free the education of the nation. The purpose of the committee is to formulate a national student policy which can be used to influence international relations.

The group also suggested expansion in hotel activities.

George Lincoln asks:

What do metallurgists do in a chemical company?

GEORGE M. LINCOLN, JR., expects to receive his B.S. in metallurgical engineering from Lehigh University in 1957. George was vice-president of his junior class, a active in sports, and a participant in many other campus activities. He is starting his engineering investigations early, for he feels that the selection of an employee is one of the most important decisions in a man’s career.

Charlie Smith answers:

They have an almost endless variety of interesting problems to face, George. As a student of metallurgy, you know that the two and three-half of all known chemical elements are metals. Many of them are revealing valuable new applications, when highly purified on a commercial scale. Du Pont is greatly interested in several such applications, when highly purified on a commercial scale.

My own experience at Du Pont ranges from work on titanium pigments, to metallic titanium production, to the study of intergranular corrosion, or the deterioration of titanium in high-pressure operations.

You’ll find many challenging opportunities in every phase of metallurgy at Du Pont, George.
On Deck

Tomorrow:
Fresh Football vs. Tufts—Hemenway 7:00
Soph Football at Andover Jr. 2:00
Fresh and Varsity Cross Country at New Hampshire 2:00
Hexagonal Sailing Meet at Tufts Saturday
Squash—Norma Trophy at Kings Point Tuesday
Soccer vs. Harvard—Here 4:00
Fresh Soccer at Harvard 4:00

GRADUATES in

The technology of guided missiles is literally a new domain. No field of engineering or science offers greater scope for creative achievement. The complexity of the systems research and development...
In controlling a team's play, not just unimportant conduct but also just unsportsmanlike conduct is to be avoided. It is also important to avoid unintentional illegal blocks and tags. There is a purpose in stating that the blocker or tagger cannot leave his feet—just half of the injuries resulting from intramural football can be traced to failure to follow this rule. As for weakening a man by "roughing him up", it's been shown time and time again that this hardly ever is a matter of time not. Not only are penalties weak against the guilty team, but also the spirit aroused in the opponents can easily carry down to the point where they'll take a game where they would have ordinarily lost. In the long run, however, these reasons for clean play are insificant in the face of the need for preventing injuries.

As mentioned above, winning in intramural football is very important. Yet it is certainly no more important that the very basis on which intramural football is very important is found. As mentioned above, winning in intramural football is very important. Yet it is certainly no more important than the very basis on which intramural football is very important is found.

CIVIL SERVICE EXAMINATIONS

The United States Civil Service Commission has advertised a new examination for Student Trainee positions in the following fields: Architecture, Cartography, Chemistry, Engineering, Mathematics, Meteorology, Oceanography, Physics.

Information and application forms can be obtained from the U.S. Civil Service Commission.

Roger Lindblom (left) discussing a construction job with J. R. Young, Fire Chief of Huron, S.D.

"I'm learning more every day—and like it"

Roger Lindblom, R.S. in General Engineering, Iowa State College, '39, is today District Plant Superintendent for the 11,000 square miles of the Huron, South Dakota, district.

"The openings are open," says Roger, "and the telephone company trains you. I went to Northwestern in 1934 and spent one year learning pole line and cable construction. This plus my engineering gave me a good telephone background.

"My experience really grew when I became an installer-engineer, then a traffic engineer."

Ralph E. Brandt

Roger Lindblom is one of many young men who are finding rewarding careers in Bell Telephone Companies, Bell Telephone Laboratories, Western Union and Sundon Corporations. See your placement officer for more information on career opportunities in the Bell Telephone System.

Varsity, Freshman Soccer Teams Lose; Tufts And Andover Administrator Shutouts

Tufts' soccer team was handed a double shutout last Tuesday, as the fresh beating to Andover 2-0 on Briggs Field, and the Varsity was edged 1-0 by Tufts. This marked the first loss for the fresh in three games, and the third in four for the Varsity which has yet to play to its full potential.

The Tufts defeat went to a team which through a low underdog, went out all for the game and never let up for a minute. Tufts' play, in contrast was sometimes disappointing and unprompted. The first period of the game went by without the ball being run up and down the field. By half time the score was still 0-0 as both teams suffered several times in capitalizing on scoring opportunities. At the start of the third period, however, Tufts scored on a nugget, with the Tufts offense was able to "gang up" on him. This began around the Tufts offense somewhat, but Tufts became even more determined to reverse last year's score of 4-0.

Tufts' offense led by Hoy Johnson proved hard in the final quarter, but was unable to get a shot past the Varsity's last. This was the second game in a row last by one goal, the other being against Amherst 2-1 last Saturday. The booters face tough Harvard team on Briggs Field next Tuesday. Despite the record to date, a win over the Crimson would make any season a success.

The lineup:

Tufts 0-0-0-0-

Mack Pineda getting the goal at 5:25. The Tufts scored on a rush, with Lou Pineda getting the goal at 5:25. The Tufts scored on a rush, with Lou

Tufts Andover: 0-0-0-0-

Benedict Johnson

The lineups:

Tufts

For Light Exercise, Nimble Transportation, Freedom from Arthritis, and for Relaxation in the Best Scene.

Raleigh

the bicycle made

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The Bicycle Exchange

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Van Doren Speaks Tomorrow
To English Group In Kresge

The New England College English Association will hold its annual fall meeting tomorrow in Kresge Auditorium at MIT, announced Dr. Carver Collins, professor of English at MIT and chairman of the committee arrangements for the NECEA.

It will be the group's first meeting at MIT, a leader among technological institutions in broadcasting and extending required and optional programs in the humanities.

Plan Lounge Repair For Nov. Completion

Mr. William Mackintosh, of the office of the Director of General Services, stated recently that Talbot Lounge would probably be reopened this summer, is in charge of the NECEA.

The lounge, situated in East Campus, was raised by IRS at about five o'clock on the morning of the 15th of this month.

Mr. Richard Rose, who was one of the architects who planned the des- truction of the lounge, is in charge of the redecoration. He is considering equipping the walls with modern equipment and those in the lounge before the fall.

Mr. R. Cohn Malshein, Director of General Services, said that no esti- mate of the cost of the redecoration had been made yet. "The Lounge will be open by Thanksgiving," he said, and added, "we hope."