Mach 2 Speeds Attained By Supersonic Tunnel

BUSH CONFIDENT In Democracy
Calls Upon Individuals To Cease Dependence On Gov't Bureaucracy

QUEEN FOR A NIGHT

Messiah Features Bass Paul Mattlin And Cast of 250

In the announcement that Mr. Paul Mattlin, 25, will sing the bass part in the final performance of Handel's "Messiah," the M.I.T. Opera Company gives every indication that their final home production for the season will be one of their most auspicious, according to Concert Manager Paul Meurent, '50.

The performance is scheduled for Saturday evening, December 16, at 8:30 p.m. in Jordan Hall and will feature the M.I.T. Orchestra, the combined Musical Clubs and a large choir composed of students and faculty members yesterday in Rockwell Cage.

"Diplomacy can compete with chivalry," Dr. Vannevar Bush, President of the Carnegie Institution of Washington, who spoke at the Convocation of students and faculty members held yesterday in Rockwell Cage.

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Engine Performance Improved Greatly By Research With Miniature Models

Two new developments in automotive engineering at the Institute, both of which are expected to help achieve more efficient gasoline engine, were described Tuesday, November 29, by President James R. Killian, Jr.

And a development of the Institute's aeronautical engineering department, a new engine indicator capable of very accurate and sensitive measurements on a running engine, Dr. Killian said, is expected to provide great help in efforts to improve engine performance.

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Sweden's position on the North Atlantic Treaty Organization is still uncertain. The reasons given for staying out of the Pact, in order, are: 1. Sweden is not at present in a war situation. 2. There is no real threat to Finland, which is a member of the Pact. 3. The Pact membership has not yet been discussed and decided on. 4. Sweden is not prepared to give up its independence and sovereignty. 5. Sweden is not prepared to risk its neutral position.

Participating in a debate, Mr. Eric Fredrikson, a member of the Swedish Parliament, said: "I think that the United States government should support other countries against the Soviet Union."

The only real Technical Institute in Sweden seems to be the SAE (Svenska Akademien for Elektrisk och Mechnisk Utbildning). This institute is located in Stockholm and is supported by the government. The institute offers courses in electrical and mechanical engineering, and it has a good reputation for training engineers.

**ATTENTION VETERANS**

The final date for requisitioning veterans' benefits in the United States is Wednesday, December 31. After this date, veterans will no longer be able to receive their benefits.

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**IN THE SPOTLIGHT**

By NELSON MACDONALD

By Jim Stedley and Dave Rosen

For the second time in two years, BU came away with the trophy for best all-around team in the Academic Press. The award, given by the faculty, recognizes the efforts of the entire team, as well as the individual achievements of its members.

The award was announced at the Annual Awards Banquet, held on Friday, December 9, at the Sheraton-Boston Hotel.

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**SHIRLEY HAYES DANCE STUDIO**

Tuesday, December 6, 1949

Racquetmen Lose To Dartmouth, 8-3
Tech's varsity squash team handed Dartmouth last Saturday afternoon in their season opener.

Summary


McMillin Named Head Of Crew Coaches' Ass'n
James B. McMillin, Technology crew coach, was elected president of "The Rowing Coaches Organization of America" at its recent annual meeting in New York. McMillin succeeds Barron Sanford of Cornell.

The Tech coach, who is beginning his tenth season as head of the Engineers' crews, came to the Institute in 1939 after captaining a championship University of Washington crew.

Tech Rifle Teams Outpoint Harvard in T.P. Contests

Defeated Harvard on a successful note last Saturday, Coach George Mayerson's boys put on a highly skilled and spirited performance to outpoint Tufts 11-12. The meet was packed with thrills from beginning to end and was highlighted by a most-deciding match between heavyweight Arch Stahl of Tech and Ermund Johnson of Tufts.

Riding Clinches Win

With the score 11-11, Tech shed, Bading and Johnson arranged furiously through two periods, until a perfectly executed half-reversal by Bading in the third period secured the victory for Tech.

John Hansen of Tech turned in an impressive and colorful performance that was the result of his good early in the season, Jim Robertson, Allan Tanner, and John Corwin, were in Saturday's top five. Two regulars from last year, John Pertz and Charlie MacDonald, made the third and fourth places, respectively.

The freshmen made their first appearance successful by defeating the Harvard freshmen 77-0 in a new-season match. High man for the freshmen were Mike Dyer, Ronald Wolfson, Gene McCoy, Marion Manderson, and E. Messer.

Outpoint Harvard- In the 1389 to 1310 varsity victory, Tech's wins was by decision. Ray Bading clinched the meet with a successful note last Saturday, Coach George Mayerson's boys put on a highly skilled and spirited performance to outpoint Tufts 11-12. The meet was packed with thrills from beginning to end and was highlighted by a most-deciding match between heavyweight Arch Stahl of Tech and Ermund Johnson, Jr., of Tufts.

A Frosh Lose

Tufts 20, Tech 15. Five freshmen who upset B.U. earlier in the season, Jim Robertson, Allan Tanner, and John Corwin, were in Saturday's top five. Two regulars from last year, John Pertz and Charlie MacDonald, made the third and fourth places, respectively.

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AT THE

Technology Store
Soprano LeClair To Be NSA Soloist
Bookspan of WBMS Will Speak At Concert

The first in a series of Symphony Performances sponsored by the N.R.A. will be given by the Pius Veteran Symphony Orchestra conducted by Ignatz Ross. The guest artist will be Gloria LeClair, lyric soprano, and the guest speaker will be Martin Bookspan, program director of station WBMS in Boston. For its program, the orchestra will play the overture to "Orpheus" by Gluck; "Chopin's Piano Concerto No. 2," Dvorak; "Andante Cantabile," J. Sheldon; "Slavonic Dance No. 5," Dvorak; "Siegfried Idyll," Wagner; "Rhapsody for the Americas," Will be given by the First Veterans' Page will speak at concert.

"You men, with the enormous privileges of higher training, in an institution of world renown, you men of influence in the coming generation, will determine where we come out."

Dr. James R. Killian set forth the aims of MIT's administration and their goals for the future. Realizing MIT's three aims, Killian stated that the administration was striving to maintain educational leadership, to develop and enrich its educational program, and to pioneer in the field of education, but that due to an increase in the number of students and a decrease in the amount of funds available, additional funds are necessary.

Also speaking to the assembled students was Nathaniel M. Sage, President of station WBMS in Boston. Although graduated from MIT, because of their training and virile creativeness has given man's hand is out for pabulum, and virile creativeness has given俄罗斯 can build, and is building, the estimate, there is no doubt that without collapse. But, whatever Russian economic system can stand hangs on the court, high scoring guards. Rickson popped in seven field goals, most of them on off shots. Herb Glantz was high scorer for Tech with 11 points.

The summary:

**Basketball**

(Continued from Page 1)

other elements coming from charity losses. Not only did the Engineer baskers have a lid on it all evening, but the Terriers couldn't seem to get their floor-co-ordinated.

**Top-box and Rebounds**

Coach Ted Heuchling's squad definitely did not play the basketball of which it is capable. The boys seemed to suffer from nervousness, and surprisingly enough the seniors were the worst offenders. Couvee, Henke, and Meehan were missing by wide margins on shots which they pop in regularly during practice. . . . Loie Mack did some sterling work on the defensive scoreboard, but the offensive rebound was very poor. Time and again the Engineers would come down the court, only to lose possession on the first rebound. . . . Heuchling's three-point system had only a partial success, although the flurry at the beginning of the second half came just after a new team had entered the fray. . . . With all the Terriers

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