"Here’s The Switch" Title For Tech Show Production

By LARRY ISAACSON

On December 7 and 8, Tech Show will present its 1951 production, appropriately titled "Here’s The Switch." Written and produced entirely by Tech students, this year's show, a musical comedy, centers around those "Rockinger" characters that are famous at Tech-athletes, columnists, evenaries, and secretaries. Starring Georges Marcus, '52, and Pete Nosman, '53, in the male leads and Jean Thomas, Sally Arnold both from the Boston Conservatory of Music, and Merta Nolte (wife of a Tech instructor) represent the weaker sex. "Here’s the Switch" is a fast-moving show, sparked with mugs that even score the favorites of last year's show. For the first time in the history of Tech Shows, two shows will come out in the same year.

"Here’s the Switch" will open Thursday, November 8, and this year's show, featuring many of last year's stars, promises to be even better.

Under the guiding hand of Dave Haven, '52, General Manager, assisted by Paul Lux, '52, Business Manager, and Merta Nolte, Manager, and with the faculty assistance of William C. Granger and Brewster R. Denby, "Here's the Switch" will provide some of the best M.I.T. entertainment of the year.

Tickets will be issued in Technion Hall, with box offices open at 7 p.m. on November 8. Box office sales will begin on Nov. 19 in Technion Hall, at the bottom of the stairs.

New Hydrodynamics Laboratory Features Model Testing Tank

Completion of the new hydrodynamics laboratory marks a new step in the research facilities at Technology for studying the mechanics of liquid flow. This new laboratory, the first unit completed under the Institute's Development Program, will be used primarily by staff members and graduate students doing research; certain sections will, however, be reserved for undergraduate instruction, though probably only for subjects in Course 1.

For the next twenty years all hydrodynamics research has been confined to the old hydraulics laboratory in Building 21. This has proved very inconvenient during the last few years because of the lack of both facilities and space. In the design of the new laboratory, much care was taken in the volume of research in this field. Even before World War I plans had been started for a new facility. The construction did not start till the completion of Technology's recently finished administration building.

Location

The location of the building on Vassar Street near Main Street, was determined by the availability of adequate room for flumes and experimental piping, and with a view toward future expansion. This (Continued on Page 2)

Kappa Kappa Sigma Elects New Members

Kappa Kappa Sigma, the honorary chemical society, has elected the following persons to membership:


(Continued on Page 4)

Graduate Student Drowns In Tragic Pool Accident

Dr. Henry Cohn, a research fellow in physics, drowned Wednesday afternoon in the pool in the alumni building. When last seen alive he was swimming on his back in the all but deserted pool. It is thought by some that he hit his head on the pool's edge in doing a "flip" turn, knocked himself unconscious and drowned.

It was just after 7:30 p.m. that the accident happened. There were no other swimmers in the small pool, one was lying on the side bench, one back-stroking in lane six. John Morgan was diving, and when last seen, Dr. Cohn was back-stroking in lane 3. The life guard, Michael Almophipky, was sitting in the pool office.

Morgan was about to go in and debris was considered to take one more dive. On looking down from the board, he saw Dr. Cohn's body at the bottom of the pool. He immediately got out to get the life guard who was talking to a policeman in the office. Almophipky, the guard, tried to pull Dr. Cohn out, but before he arrived the lungs were filled with water he was too badly for the guard. A rope to the side was used to get the body out of the water. Brian Fairer was in the pool at the time, and the guard later said that at first the water was still gray colored. The body was found in a position that suggested he had been struggling to the side.

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Electors for J. F., Senior Week, and Ring Chairman Nov. 6

Elections for Senior Week Committee, Junior Prom Committee, and Senior Ring Chairman will take place on November 6, 1951. All electors ten weeks of age and over will cast their votes in the lobby of building ten and another at the intersection of buildings two, four, and six. Seniors must vote before 6 p.m., juniors before 8 p.m., and Juniors may vote for Junior Prom Committee and Senior Ring Chair-


The three nominees for Senior Ring Chairman are Alexander H. Dassenberg, Jacob Pinkovitz, and Martin Wolin.
ALONG THE ROAD TO TOTALITARIANISM

This so-called "red" teacher bills are perilously close to becoming part of the law of the Commonwealth of Massachusetts. They are one segment of a great state of anti-Communist legislation with which the majority of the state legislature, motivated largely by fear and ignorance, hopes to save the state from communism.

Specifically, the McCarthy-Dorgan education bill would make college presidents personally liable for "any professor seeking the overthrow of the government" on his faculty. Such fines would be imposed on those presidents who did not immediately discharge an instructor under suspicion. Thus, the principle laid down by the Institute in 1949 that it could not be responsible for the opinions held by its professors outside the classroom would be completely subverted and the Institute would be held responsible for the good or bad behavior of one of its citizens. Needless to say, what the Institute considers subversive would probably not agree with the views of Messrs. McCarthy and Dorgan.

All students should take whatever action possible to discourage passage of these bills. Citizens of the Commonwealth especially should make themselves heard through their representatives at the state house where clear thinking is apparently rare.

REPRESENTATION IN STUDENT GOVERNMENT

The Student Government investigating Committee now has before it a series of outlines detailing proposed reorganizations of the present Institute Committee set-up. The plans, submitted by various sub-committees, range from moderate to radical changes of the status quo. S.G.I.C. has a tough job on its hands in working out a workable formula from such divergent proposals. It must decide at the outset whether the top deliberative body in the reorganized structure is to be a large, directly elected group or a small group chosen by selective filtering of student activity leaders. There are two reasons why the Committee should decide on the former arrangement.

First, the type of business considered by this group will not be simple. Policy questions of grave import and complexity will arise. Even the Institute Committee as now constituted seldom reaches a decision that is free from cssion.
LSC Smoker

(Continued from Page 1)

Editorial

(Continued from Page 1)

concern the vast majority of the student body. It immediately follows that a) the members should be elected, and b) they should directly represent as small a segment of the student body as is possible without making a governing body of unwieldy size. These considerations permit considerable latitude in the exact format of representation. Much current business of Institute Committee involves policy towards freshmen, and it is essential that they be represented adequately on future assemblies. Taking a given number of members from each class would seem to be the best way of avoiding packing the assembly with upperclassmen. Again, much business bears directly on the three living groups, and these units of student life should be represented on the assembly. It would be folly to try to evaluate the relative interest or contributions of the three living groups in student affairs. An equal number from each is the only sensible solution.

Whatever the details of representation finally agreed upon, the major task of the S.G.I.C. is to see that the student IS represented. Past experience shows conclusively that when questions bearing directly on his studies and living areas involved, the student will take an active interest in their discussion and resolution. Not only will he participate in a student government with the functions and structure outlined above; he will demand that it be set up.

Tech Wrestling Rally

To Be Held Today;

Buckstaff Captain

Today at 5 o'clock p.m. in Room 5-204 the varsity wrestling team will hold its first rally of the season. Varsity Coach Roy Merritt has requested that all members of last year's freshman and varsity teams turn out for the rally and also any other men who are interested in trying out for the varsity squad.

All reasonable estimates of this year's varsity squad's strength place it potentially as one of the most powerful teams in New England. Captained by Sinclair Buckstaff and consisting of such individuals as Chuck Seymour, who is undefeated in college wrestling, John Hansen, who returns to the squad after a year's absence in the army and others who have distinguished themselves here at Tech, this team may finally bring recognition to Tech in the field of wrestling.

Much of the success of this year's team will depend upon the spirit of the squad. Friday's rally will show us what we can expect in the way of spirit from the squad. Another important factor will be the depth of the squad. The wrestling teams of past years here at Tech have been so slender as to cause setbacks when injuries occurred to any of the first string squad. This is another important reason for having a large turnout for the rally.

Hydrodynamics

(Continued from Page 1)

was the only available plot on Institute grounds which would afford time research. Rooms for research in the Laboratory are planned for a maximum of useful floor space with a minimum of built-in features. The most elaborate built-in feature is the central pumping system with circulation throughout the entire building provided by large water storage tanks. This enables research projects to be constructed in almost any desired position. A large rectangular loop of galvanized steel pipe 18 inches in diameter was located to bring the maximum flow of 35,000 gallons per minute from the circulating pumps as near as possible to any part of the main hall, where much research will be done.

Ship Model Towing Tank

In the basement is a new Ship Model Towing Tank which will be used by the Department of Naval Architecture and Marine Engineering for research and instruction in the hydrodynamics of ship design. Ship-model tests are extremely valuable in computing the relative performance and efficiency of various design layouts. The tank is 186 feet long, 8 feet, 7 inches wide and 5 feet deep; a site that permits effective use of models up to six feet long. The method used for measuring towing force on models assures precision of measurement to within 0.0001 pound. Undoubtedly, this new Towing Tank will advance M.I.T.'s quality of research in the field of designing ships.

Few hydrodynamics laboratories nearly as extensive as this one have ever been built in the United States. Construction of this laboratory brings to the United States probably the best research center in hydrodynamics on the east coast.

Basketball Rally

There will be a freshmen basketball rally Monday at 5 o'clock p.m. in the 3-15 Club Rooms in Walker Memorial. All freshmen who are interested in playing on the frosh squad are urged to attend this rally.

Tech Rugby Squad

Ties Princeton; Play McGill Unit. Today

Technology's rugby team which triumphed over Harvard a week ago before a record crowd went on to eke out a draw with Princeton last weekend. Princeton University has one of the strongest teams in the East this year and will most probably be favorites to win the National tournament. The Tech team played exceptionally well against a very strong club.

The Beaver's next game will be against McGill University on Briggs Field, Friday, at 2:30 p.m. The Tech squad last met the Canadiens in Montreal last month and were beaten by superior backfield play. However, judging from their showing during their last two games the Techmen may be able to avenge this defeat. The Tech roster follows:

Backs: Whiffin, Winning, Morrus, Fesselle, Holub. (Not shown: Youag, Franklin, Dyke, Dopp, Youag.)

Throw Away

NICOTINE

...because Philip Morris is

definitely less irritating,

definitely milder than any

other leading brand!

PROVE IT YOURSELF

Take the

PHILIP MORRIS NOSE TEST

mean MORE SMOKING PLEASURE!

NO CIGARETTE HANCOVER
Drowning
(Continued from Page 1)

than the oxygen rate out. Artificial respiration was resumed until more oxygen could be obtained.

Dr. Arntzen called for the Fire Department's emergency kit which has as part of its equipment, a supply of adrenalin and a hypodermic needle. The needle, only 1/2 inch long, was not long enough to extract the adrenalin from its bottle. In order to inject the adrenalin, the doctor was forced to break the needle.

He gave Dr. Cohn five shots in all: one in the chest, one in the shoulder, one in the artery of the arm and one in each leg. The arm and legs were massaged. Parker, who helped with the massaging, said that she felt like one shot. The police removed the body to Cambridge City Hospital where final resuscitation attempts were made.

Dr. Los Mykle, medical examiner, performed an autopsy on Thursday.

Dr. Cohn, a research fellow in the physics department lived in Burton House; he was 26.

WHAT ARE THE ODDS?

There's only 1 chance in 1280 that you've learned how to drink.

It's 5 to 1 your note does not sway.

The odds are 12,000 to 1 against your ever becoming a winner.

A. D. Little Tickets Are Now Available

Tickets for the sixth annual Arthur Doben Little Memorial Lecture, to be given next Monday evening by Sir Henry Thomas Tizard, the distinguished British physicist and aeronomical authority, are now available without charge at the Information Office. Sir Henry is scheduled to speak on "Science and Democracy" in Mizau Hall at 8:30 p.m.

Sir Henry Tizard is no stranger to the Institute, for he headed the commission that brought the early magnetrons to the Institute from England in 1940. From this visit sprang the immense wartime work at the Radiation Laboratory. Again in the spring of 1949, Sir Henry came here as a panel speaker at the Institute's International Mid-Century Convocation on the Social Implications of Scientific Progress.

THE TECH

Friday, November 2, 1951

NOTICES

Weekend With Filip

Two noted speakers, Sabbath services, and a dance are part of the November 2, 3, and 4 Weekend with HIQA.

Owen Sheehan: Friday, 7:30 p.m., Faculty Lounge, 3rd Floor Hayden Library East. Features reviews and dress by Rabbi Hyman Washofsky, spiritual leader of both local congregations in Cambridge, on the all-important topic "Living Jewishly as an American." Singing, dancing and refreshments.

Sabbath Services: Hillel House, 10 a.m., till noon.

Couplet Dance: Saturday, Hillel House, 8 p.m.

Tefillin Services: Sunday, 9:15 a.m.

Branch: Sunday, 10:30 till noon, Hillel House. Los bags, refreshments, followed by dancing.


A.I.C.H.E. Movie

The A.I.C.H.E. will show a movie entitled "Collins-the Story of the Hitter" in Room 12-102 on Monday, November 5, at 5:00 p.m. Everyone is invited. Membership will be sold at the door.

Barbell Club Contest

There will be a weighing-in contest between the M.I.T. Barbell Club and the Springfield College team, Sunday, November 4, at 2:00 p.m. at the Harvard Field House. Everyone is welcome.

Meteorological Society

M.I.T. student branch of American Meteorological Society will present Ralphoph Freiendtow in a lecture on Measurement of Visibility in Room 6-270 at 7:30 p.m. Monday, Nov. 5.

N.S.A.

(Continued from Page 1)

Academic Freedom

By an overruling majority the congress voted to reaffirm N.S.A.'s stand on academic freedom, warning that no teaching be dismissed without being aware of the causes and without being given the opportunity to defend himself.

The congress placed the blame for recent athletic scandals on "the corrupt atmosphere surrounding college athletics," and demanded that "intercollegiate sports be both de-commercialized and de-emphasized."

Radio Statue

(Continued from Page 1)

was to try to keep it at a reasonable level. Complaining again to Mr. Narraford on the grounds that this was "extremely heavy" and obtaining no results, Eriksson decided that they might be willing to listen to "reasons."

By using electric sparks, he set up an interference which was of the same frequency as that of the building eight power lines. This, he hoped, would interrupt radio receiving in building twenty-four, where the Buildings and Power office is located. Eriksson does not know if his interference was heard at this building, but it was heard by the residents in the dormitories. After running this off and on for about a week, he was discovered by students using portable radios to be the cause of it.

A discussion about the morals of the subject soon followed on the dormitory office bulletin board. However, most student opinion seems to be that if Carl Eriksson had a legitimate gripe, he was over-impatient and went about solving it in the wrong manner, because his interference was harming the rest of the dormitory residents.