RICHARD BALZTER Elected captain of 1939 Harrriers

Holds 1000-yd. National Junior Indoor Title and Two Quebec titles.

IS FORMER QUINCY STAR

Consistent Place-winner for Varsity Harrriers during Past Season.

Richard E. Baltzer, Sr. of Quincy, Massachusetts, was elected captain of the Harrriers, the Varsity Track team of the Electrical Engineering class, for the season 1939. Mr. Baltzer, a member of the 31st year, was elected captain for the last three years that he has been at Tech.

While at Quincy High School Baltzer was on the cross-country and track teams for three years. For three years he was the captain of the varsity team and was an all-senior winner in 1931. It is reported that the school has had in recent years a number of notable athletes, including Baltzer.

Baltzer came to Technology and re- signed in 1936 as captain of the track team and became associated with the coaching of track and field.

During his freshmen year he broke the existing freshmen record in the 1000-yd. run and was subsequently lowered by John J. Smith last year. As a Varsity runner, Baltzer set a new record in the 200-yd. run. Last season he placed 1st in the broad jump, and 2nd in the discus throw.

The new captain is the son of Mr. and Mrs. Richard E. Baltzer, Sr., of Quincy, Massachusetts, and is a member of the class of 1939.

After staying with a headed field at the New Haven meets, Mr. Baltzer went to the West Newton Athletic Association, and to the Quincy Athletic Association, where he was a member of the junior honors group.

Neutron Boys Aim to Beat Dorm Card Record

Determined is the nation-wide campaign of the recent dorm room record of the T.C. -B. dormitory, which was set by fifteen youths, to beat the record set by five representatives of the dormitory of Technology, a quintet of this dormitory, and recently set at 5:00 o'clock in a dormitory in the city of Technology. The officers of the dormitory of Technology report that there are in the dormitory a number of good fun dear friends that can take care of the record. In whatever record they may attain they are to be maintained under the care of the officers of Technology.

The Neutron boys must be informed that they have accepted a challenge which did not exist since the Dormitory boys met in the 1938-39 dormitory. The dormitory boys had the fun and did not have in their lives such a challenge as the one set by the Neutron boys.

The TECH Has First Banquet of Year in Walker

Professor Pearson will address Gathering on Aspects of Institute Life

For the first time this year, all members of the various groups of the TECH, and all cadet officers on the active staff, will meet for an informal gathering on Tuesday evening in the North Hall of Walker. This meeting will be attended by the officers of TECH and the active staff. The meeting will be held at 8 p.m. and will be attended by the officers of TECH and the active staff. The meeting will be held at 8 p.m. and will be under the auspices of the Soil and Water Conservation Society.

For the entertainment, which will fol- low, the following two women who well knows each- other will be in- vited toWalker.

Mrs. E. R. PAYS HONOR TO PROFESSOR KEYES

Head of Chemistry Department Given Honorary Membership

Professor Frederick G. Keyes, head of the Department of Chemistry of the Institute, has been honored by the American Society of Refrigerating Engineers, at the annual dinner of this organization. The honor was in recognition of Professor Keyes' "unusual service in developing the theory and practice of refrigeration."

The address was made by Mr. C. E. Price, an associate professor of chemistry at the Institute.

COLLOQUIUM GIVEN FOR ADVANCED MEN

Mr. B. P. Romain Lectures to Students in Physics VI On Westmoters

Mr. B. P. Romain of the Westmore Construction Company, who recently presented a colloquium on "The Development of the Electric Power System," will present a colloquium on "The Development of Physics," on Tuesday evening in the North Hall of Walker.

The colloquium will be attended by students in Physics VI and Physics VII, who will be invited to attend.

Investigations of Solar Radiation Valuable For Weather Forecasting

Dr. Charles G. Abbot Engaged In Studies of Variations of Sun's Rays

This is the second of a series of arti- cles by Dr. Abbot on the effects of the sun on the climate.

Dr. Charles G. Abbot, 74, secre- tary of the Smithsonian Institution, in ternationally famous astronomer, is best known for his investigations of solar rays. His researches have been conducted for over 40 years.

As a member of the American Association for the Advancement of Science, he is able to weather forecasting which is also closely related to temperature and relative distances of stars.

Dr. Abbot was at thetime engaged in the Smithsonian Observatory in Washington, D.C., which is devoted to the study of the sun.

Dr. Abbot was born in New York City in 1864 and has spent most of his life in the study of the sun. He has been engaged in the field for over 40 years and is considered one of the leading authorities on the subject.

Dr. Abbot is a member of the American Association for the Advancement of Science, which is devoted to the study of the sun. He has been engaged in the field for over 40 years and is considered one of the leading authorities on the subject.

AERONAUTICAL CLUB STARTS GLIDER WORK

Construction work on the Aeronauti- cal Club glider started yesterday on the site of the old glider which was destroyed by fire last season.

The new glider will be an improvement on the old one and will be used for practice purposes.

It is expected that the glider will be ready for use in the spring.
the Athletic Association's Sports Night. Whatever may be done about the much-needed changes in Walker. Besides being more comfortable, Walker, others will thrive on the spirit of cooperation absolutely necessary for bringing about the much-needed changes in Walker.

This is contrary to the Interfraternity Conference regulation, which limits the advancement of dances at the same evening, but what is more important, this attitude is completely at variance with the spirit of cooperation absolutely necessary for bringing about the much-needed changes in Walker.

The least the Seniors of these fraternities can do is attend to Business Service Staff: Richard T. Hodgdon '33, George E. McLaughlin '32

Eric P. Newman '32

H. Sistare, Jr. '32

We See the Movies

using the services of more young men than technical students, the T. C. A. has made arrangements to keep a great deal of time and money in searching out these delinquents so that the best of the appeal of this play.

Among the recent applications of this method of making scenes and effects. Perhaps they see a tendency to decrease to a dangerous point in Walker without wasting a minute in searching out these delinquents so that the best of the appeal of this play.

AnCothier speaking, it speaks for itself.

As We Like It

"TENIGHT THE REPERTORY"

By "Prairie Vixen", Money Lissett's shooting in the garb to that of a spirit medium.

The Bicycle Club introduced the burning picture, and pleases the audience with his smiling personality in rendering "Singing in the Rain."'

"Electric Eye" Detects Haze in Holland Tunnel

Photo-Electric Cell Used to Insure Visibility in Traffic Artery

In the palatial residence of Sir Richard Good. News for young men who wear collars!

One of the biggest assortment of topscoats, suits, sweaters, ties, and sweaters out of Indiana has now taken its place in the neatly arranged Neckerwear Department as four-in-hand ties.

Purse patterns a d n:

23 Scott rinn turtan

$5.50 each.

Other ties from $1 to $5.

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FAMOUS ALUMNUS
PREDICTS WEATHER

The Conditions are to be Forecast Long Time in Advance at African Post

A recent article in the New York Times, under the title "African Post Predicts Weather," stated that the weather for the next few months can be forecast with remarkable accuracy. According to Dr. Albert, an African meteorologist, the weather for the next few months can be predicted with a high degree of accuracy. The article states that Dr. Albert bases his predictions on the study of the sun's position, solar radiation, and other factors. The predictions are made several months in advance and have been found to be remarkably accurate. The article also states that Dr. Albert's predictions have been of great value to farmers, sailors, and other people who depend on accurate weather forecasts.
NOTICES - ANNOUNCEMENTS

Of General Interest
Faculty Club Luncheon Meeting Prof. W. Lindgren, M.E., S.C.D.
Thursday, December 12, 12 M., Walker Memorial, Faculty Dining Room

Professor Lindgren, Head of the Building Department, will speak on
"Recent Industrial Development in Sweden."

Measurement of Air Flow

By Dr. Sanford A. Moss

For Sanford A. Moss of the General Electric Company is giving a series of lectures on the measurement of air flow. This lecture will be his second, and the topic will be "Turbulent Flow." The lecture will be held at 5:00 o'clock; all "Wandering Bachelors" are invited.

Complete the announcing of the lecture with the following.

The subject of the Information Office, when appropriate, is Christmas decorations. The present the U. S. Government has presented a comprehensive scale. For those who are interested.

CALENDAR

Wednesday, December 11
2:40-Science Denus Committee Meeting, Conference Room, Walker
3:45-Committee Picture, Room 10-001
4:15-"THE TECH" Banquet and Broshus, Faculty Dining Room, Walker
5:30-College Club Sigma Sota, North Hall, Walker
7:30-M. T. A. A. Basketball Game, North Hall, Walker
8:30-"THE TECH" Basketball Games, Hangar Gym

Thursday, December 12
7:00-"THE TECH" Show Chorus Rehearsal, Walker Gym
Friday, December 13
2:40-Lecture on "Low Meters, Venturi Meters, Orifices in Thin Plates," Room 5-134
3:00-Lecture on "The Measurement of Air Flow," Room 5-134
4:15-"THE TECH" Banquet and Smoker, Faculty Dining Room, Walker
5:00-"THE TECH" Show Rehearsal, Walker Gym
6:00-M. I. T. Brown Basketball Game, Hangar Gym
7:20-"THE TECH" Show Chorus Rehearsal, Walker Gym
8:30-"THE TECH" Basketball Games, Hangar Gym

Friday, December 14
1:30-Lecture on "The Measurement of Air Flow," Room 5-134
2:00-"THE TECH" Banquet and Smoker, Faculty Dining Room, Walker
3:00-M. I. T. Brown Basketball Game, Hangar Gym
4:15-"THE TECH" Show Rehearsal, Walker Gym
5:00-M. I. T. A. A. Basketball Game, North Hall, Walker

Saturday, December 15
2:40-"THE TECH" Banquet and Smoker, Faculty Dining Room, Walker
3:00-Lecture on "The Measurement of Air Flow," Room 5-134
4:15-"THE TECH" Show Rehearsal, Walker Gym
5:00-M. I. T. A. A. Basketball Game, North Hall, Walker

Monday, December 17
2:40-"THE TECH" Banquet and Smoker, Faculty Dining Room, Walker
3:00-Lecture on "The Measurement of Air Flow," Room 5-134
4:15-"THE TECH" Show Chorus Rehearsal, Walker Gym

TUESDAY, DECEMBER 18
1:30-Lecture on "The Measurement of Air Flow," Room 5-134
2:00-"THE TECH" Banquet and Smoker, Faculty Dining Room, Walker
3:00-M. I. T. Brown Basketball Game, Hangar Gym
4:15-"THE TECH" Show Rehearsal, Walker Gym
5:00-M. I. T. A. A. Basketball Game, North Hall, Walker

UNDERGRADUATE

VARSITY DOGGER

There will be a picture of the Varsity Dogger in the lobby of the basement of the Hominy Gym.

 BASEBALL MEETING

A baseball meeting will be held at 8:00 o'clock, Thursday, December 13 in the Hangar Gym.

WANDERING GREGGS

A book on the "Gregg System of Bookkeeping" is being sold in the Wandering GREGGS. They are requested to sign their names.

BASSEY MEN MEET MANAGER IN HANGAR

At the Hangar Gym the first baseball meeting will be held on Monday night at 7:00 o'clock, with a large number of new members coming on. Prospectos for the formation of a Varsity team were discussed and a position drawn up. Manager White feels that with the new men the team can be formed.

M. E. S. MAKES VISIT TO FACTORY TODAY

The Blanchard Co., manufacturers of automatic lathes and other precision machines, will be visited today by members of the Mechanical Engineering Society.

Lectures continued by Sir Aurel Stein

"An Ancient Archive and the Ruins of Mountn" is the theme upon which Professor Sir Aurel Stein will lecture Thursday at 4:30 o'clock in the American Chemical Club that will be held next Thursday at 4:30 o'clock in the American Chemical Club.

BLASTERS’ HANDBOOK

All explosives are solids or liquids that can be instantaneously converted by friction, heat, shock, sparks or other means into large volumes of gas. That sounds simple, but this fundamental principle of the action of explosives is modelled by a host of various explosives.

First there are "high" and "low" explosives. Then there are all the circumstances of purpose, methods of loading and firing and handling and storing. Explosives are measured principally by three general characteristics: Strength, Velocity, Water Resistance, Density, Power, Temperature of Freezing, and Length and Duration of Flame.

Chapter One of the Blasters’ Handbook makes this seemingly complicated subject very easily mastered. Charts and tables explain relative energy of different strengths. Other characteristics are explained in the second and third terms, and graphically illustrated.

Many of the leading technical colleges, universities and schools are using the Blasters’ Handbook in their classroom because of its practicality. Made up by du Pont field service men out of their own experience in a great many fields over a great many years. The textbook of the "school of experience."