

OFFICIAL BULLETINS OF GENERAL INTEREST

**Popular Science Lecture Prof. W. Spencer Hutchinson, S.B.
Sunday, December 14, 4 P.M., Room 10-250**

Professor Hutchinson, Professor of Mining, will be the speaker at the Popular Science Lecture which is under the auspices of the Society of Arts. The subject of his lecture will be "Grand Adventure With the Mining Engineer."

**Colloquium Mr. G. M. J. Mackay
Monday, December 15 and Tuesday, December 16, 2 P.M.
Room 10-275**

Mr. G. M. J. Mackay, of the Research Laboratory, General Electric Company, will present a colloquium on "Insulation." Open to members of the instructing staff, graduate and senior students and the junior honors group.

**The Geometry of Linear Displacements Prof. J. A. Schouten
Tuesday, December 16, 3:30 P.M., Room 4-270**

Professor J. A. Schouten of the Technische Hoogeschool, Delft, Holland, visiting professor on the Rockefeller Foundation, will give a lecture on "The Geometry of Linear Displacements." Open to students and members of the instructing staff.

**Precise Measurement of Air Flow Dr. Sanford A. Moss
Tuesday, December 16, 4:00 P.M., Room 5-134**

Dr. Sanford A. Moss of the Thomson Research Laboratory, General Electric Company, Lynn, will give a series of lectures on "Precise Measurement of Air Flow" under the auspices of the Aeronautical Engineering Department. The subject of the third lecture will be "Flow Measuring Nozzles, Venturi Meters, Orifices in Thin Plates, Pitot and Impact Tubes." Open to students and members of the instructing staff.

**Various Phases of Modern Atomic Theory Prof. P. Scherrer
Wednesday, December 17, 4 P.M., Room 10-275**

Professor P. Scherrer, of the Technische Hochschule, Zurich, Switzerland, will give an experimental lecture on various phases of modern atomic theory. Open to students and members of the instructing staff.

CALENDAR

Friday, December 12

8:30 P.M.-2:00 A.M.—Technology Combined Musical Clubs, concert and dance, Walker.

Saturday, December 13

12 M.-2:00 P.M.—Eastern Association of Physics Teachers, luncheon meeting, North Hall, Walker.

2:30 P.M.—Football game between THE TECH and Tech Engineering News, Tech Field.

9:00-12:00 P.M.—Quadrangle Club dance, North Hall, Walker.

Monday, December 15

5:00-6:00 P.M.—Instrumental Club rehearsal, East Lounge, Walker.

6:00-9:00 P.M.—Italian Club business meeting, Faculty Dining Hall, Walker.

Infirmary List

Edward L. Bateman, Jr., '33.
George J. Brady, '33.
Emerson Horne, '33.
Frederick D. Petrie, '33.
Wilfred deA. Pflucker, '34.
Edward D. Rohn, '33.
Arthur G. Russell, '32.
John P. Serrallach, '32.
Joseph B. Shea, '31.
Abner Stodder, Emp.

BASKETBALL

The Varsity basketball picture will be taken tonight at five o'clock. All men should be in the Hangar Gym at this time in uniform.

TECH SHOW

The picture of the Tech Show assistants will be taken Friday afternoon at five in the basement of the Homberg Infirmary.

BASKETBALL PICTURE

The picture of the Basketball team will be taken this afternoon at five o'clock, in the basement of the Infirmary.

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HONORARY SOCIETY IS FRESHMAN HOST

Approximately 40 members of the freshman class will be entertained by the Quadrangle Club at a dance tomorrow night, in the North Hall of Walker Memorial. The evening's entertainment will begin at nine o'clock and will continue until midnight; music for the affair will be furnished by the "Tecthonians," with six pieces included in the orchestra.

Mr. and Mrs. Wallace M. Ross have kindly consented to act as chaperones for the dance; at present, no others have been definitely decided upon. During intermission, supper will be served to the chaperones, and light refreshments will be served to all guests. Past members of the Quadrangle Club are cordially invited to attend this dance.

HUNSAKER DISCUSSES ZEPPELINS TONIGHT

Zeppelins, particularly the Navy Zeppelins, will be the subject of an address that will be delivered at a combined meeting of the Boston and M. I. T. Posts Army Ordnance Association, Boston District Ordnance Office and Ordnance Reserve Officers in Boston and vicinity. The meeting will be held in Room 5-330 this evening at 8 P. M. The speaker will be Commander J. C. Hunsaker, U. S. N. (ret.) of the Goodyear-Zeppelin Corporation.

Walton Lunch Co.

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6 Pearl Street
242 Tremont Street
1083 Washington Street
44 Scollay Square
332 Massachusetts Avenue
19 School Street
437 Boylston Street
1080 Boylston Street
34 Bromfield Street
540 Commonwealth Avenue
204 Dartmouth Street
105 Causeway St.

Allston
1215 Commonwealth Avenue
Cambridge
78 Massachusetts Avenue

HUTCHINSON STARTS ART SOCIETY TALKS

Subject Is "Grand Adventure With Mining Engineer"

W. Spencer Hutchinson, Head of the Department of Mining and Metallurgy, will lecture on "A Grand Adventure with the Mining Engineer," on Sunday afternoon in room 10-250. This lecture is the first of a series given by the Society of Arts each year for the general public which has attracted wide interest.

Professor Hutchinson is familiar with many of the mining fields of the world and is nationally known as a mining engineer. In his lecture, which will be illustrated with slides and specimens of minerals from various mines, he will tell of his adventures in mining in Africa and South America, as well as in this country.

TALKS ON AIR FLOW GIVEN BY DR. MOSS

Dr. Sanford A. Moss lectured yesterday on the subject of Static and Total Pressures, Pipes and Instruments for Pressure Measurement, before a group of students and instructors; the lecture was illustrated by slides. Dr. Moss is from the Thompson Laboratory of the General Company of Lynn.

This address was the second of four, the next will be Tuesday, December 16, on "Flow Measuring Nozzles, Venturi meters, Orifices in Thin Plates, and Pitot and Impact Tubes," in room 5-134. The last is scheduled for Thursday, December 18 on "The Computation for Flow Measurements." All students and instructors who are interested may attend. The lectures are especially valuable for Mechanical, Automotive, and Aeronautical engineers.

SOCIETY INVITED TO HEAR RADIO EXPERT

Malcolm P. Hanson, Chief Engineer of the radio division of Admiral Byrd's Antarctic Expedition, will speak tonight at eight o'clock in the Croft Laboratory of Harvard University, under the auspices of the Boston Section of the International Radio Engineers. The M. I. T. Radio Society has received an invitation to attend, and anyone that is interested in radio is included.

ENGINEER TO SPEAK ON NEW DIELECTRICS

Miss Baker in Room 4-202 before 9:30 o'clock Tuesday morning. The following references, which may be found in the library, are suggested by Mr. Mackay.

1. The Electrical Conductivity of Pure Hexane, George Jaffe-Annalen der Physik 28, pp. 326-370 (1909).
2. Anomalous Dispersion, Absorption and Kerr Effect in Viscous dielectrics—Kitchin and Muller, Phys. Rev. 32, pp. 978 (1928).
3. Three Regions of Dielectric Breakdown, P. H. Moon and A. S. Norcross—Trans. A. I. E. E. 49, p. 765 (1930).
4. Ionization Studies in Paper Insulated Cables, C. L. Dawes and P. H. Humphries—Trans. A. I. E. E., pp. 766 (1930).
5. 132,000 Volt Single Conductor Lead Covered Cable, Torchio, Emanuel, Clark, etc.—Trans. A. I. E. E., 47, pp. 186 (1928).
6. Progress in High Tension Underground Cable, Shanklin and Mackay—Trans. A. I. E. E., 48, pp. 338 (1929).

Pitt started football practice September 1, and on that date more than half the stadium had been sold out for the Notre Dame game on October 25.

ARMY vs. NAVY

The New York Herald Tribune has made special arrangements to cover the Army-Navy game—the resumption of a great natural rivalry—this Saturday.

Harry Cross and Stanley Woodward will be there. Don't miss their stories. They have all the facts, all the color and all the sidelights. And they will appear exclusively in the

NEW YORK
Herald Tribune
Sunday, December 14th

SHAW NOT CONCEITED SAYS ENGLISH ACTOR

(Continued from Page One)
autograph and back would come a card saying, 'No!' and signed George Bernard Shaw."

"Shaw believes that keeping our distance is the essence of good manners and without good manners society is impossible." He has considerable trouble keeping people at their distance, which is well illustrated by an incident that happened last summer. A certain Mrs. Smith had great difficulty in getting to meet Shaw so that after finally accomplishing her object she forgot herself entirely and said, "May I call you George?" and back came the typical Shavian reply, "Certainly, if I may always call you Mrs. Smith."

Among other things, Shaw has often been accused of being conceited. Mr. Colbourne stated however that those who know Shaw personally do not think him conceited "for you catch the twinkle in his eye and the twinkle in his tongue when you talk to him face to face."

Last summer, a reporter asked the playwright to make a statement regarding the rumor that a peerage was about to be conferred on him. Shaw replied, "If I can think of any title more famous than Bernard Shaw, I'll consider the offer."

"Shaw's outstanding characteristic is his ability to talk about even the most abstruse subjects in a most intelligent manner and yet make one laugh or smile all the time. His way of joking is to tell the truth, for the truth is the funniest thing in the world."

All freshmen at Ohio State University who are on the probation list are required to take a six-hour course in "How to Study," which was recently introduced.

DANCE WILL FOLLOW CHRISTMAS CONCERT

Improved Facilities Available In Walker Memorial

The Christmas Concert of the Combined Musical Clubs will be held in Walker Memorial at 8:30 o'clock this evening. It is expected that the entertainment tonight will be even more successful than last year's occasion, for the facilities for tonight have been greatly improved.

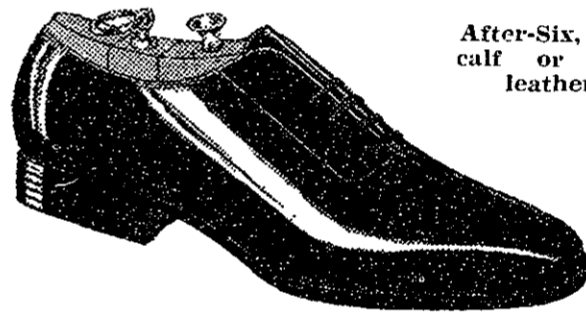
A slightly longer program has been prepared for the concert, containing more varied selections. In addition to the customary dance music for the dancing, the Tecthonians will offer some new popular numbers and a classical piece, a fantasy from the Peer Gynt Suite. The Banjo Club has an innovation in its program this year in that it is specializing in old favorites rather than in jazz.

Organized in 1880, the Glee Club is the oldest one of the Combined Musical Clubs and has had an enviable record. As a result of the efforts of William Weston, the coach, who has devoted his services for several years to it, the Institute Glee Club has always succeeded in placing among the first four in the intercollegiate Glee Club contests. It is very fortunate this year in having among its members many of its last year's group.

Any group or organization may reserve private tables for the midnight refreshments by arrangement with the management, who will be available from 12 o'clock to 2 o'clock in the Main Lobby. Ticket sales are mounting steadily as the date of the concert approaches. Tickets may still be obtained from 12 o'clock to 2 o'clock in the Main Lobby and at the T. C. A. office; they may also be purchased at the door of Walker Memorial at 8:30 o'clock this evening.

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Jordan's After-Six, \$8

Formal attire—functions of the evening—dictate the tailored slimness of Jordan's After-Six. In Ebony dull calf or patent leather—it's correct as the tail coat—a smart oxford designed for critically smart Bostonians!

Jordan's Strand, \$12.50

Strand is made to order for Jordan's. With medium "custom-toe" and "narrow recede" traditionally in the best of taste, it also stresses unusual comfort for the ball of your foot. Sturdily lightweight—flexible—black or brown calf.

Strand oxford, black or brown calf, \$12.50



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