EDGERTON

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The compression of a golf ball being tossed off, and a football being kicked, was illustrated by a series of high-speed motion pictures.

The camera used for recording these high-speed motion pictures was invented by Professor Edgerton and Kenneth Z. Germerhausen. Because it takes pictures at the rate of 400 frames per second, this camera has great possibilities in research for photographing motion that cannot be seen by the human eye. The difficulty of obtaining an electric light bright enough to furnish the required illumination was overcome by the use of stroboscopic light.

At each of the two Sunday lectures, the seating capacity of the room was exceeded, and many stood at the rear and sides of the hall.

Rooms for Students

Newly Opened House On Memorial Drive, Two Doors from Riverbank Court Hotel

Recreation Room in Basement

Accommodations for about 50 Duke students

Board furnished if desired

Inquire Mrs. SWAIN

312 Memorial Drive

CALENDAR

Tuesday, January 15

5:00—Glee Club Rehearsal, Room 10-330.
6:20—Society of Automotive Engineers Dinner, North Hall, Walker Memorial.
6:30—Orchestra Rehearsal, Room 10-250.
6:30—Corpuslaw XV Dinner, Grill Room, Walker Memorial.
5:30—Class of 1941 Dinner, Faculty Room, Walker Memorial.
6:30—Army Ordnance Officers Dinner, Silver Room, Walker Memorial.

Lecture to Army Ordnance Officers, East Lounge, Walker Memorial.

Wednesday, January 16

5:00—Physical Society Meeting to Elect Officers, Room 6-315.
7:00—The Dirac Formal Banquet, Parker House.
7:00—Demitory Basketball, Walker Gymnasium.
7:00—Basketball, Prentis vs. Tufts, Hangar Gymnasium.
7:30—Sk-Runners Club Meeting, Room 4-128.
8:00—Basketball, Varisty vs. Tufts, Hangar Gymnasium.

Thursday, January 17

2:00—Colloquium on Partial Differential Equations, "C attractor’s Problem" by A. C. Schaeffer, Room 2-246.
3:00—Theoretical Seminar, "Electrical Conductivity of Metals" by Prof. N. H. Frank, Room 6-128.
4:00—Physical Colloquium, "Characteristics of Alloys" by J. Millman and Prof. E. Rudberg, Room 6-128.
5:00—Institute Committee Meeting, East Lounge, Walker Memorial.
5:00—Basketball, Prentis vs. Tufts, Hangar Gymnasium.
6:00—Physical Society Meeting to Elect Officers, Room 6-215.
6:30—Army Ordnance Officers Dinner, Silver Room, Walker Memorial.

RIDGWAY

(Continued from Page 1)

Mr. Ridgway depicted the growth of the various modes of transportation in New York City, from the earliest street cars to the most modern subway trains. In the past three decades, the speaker pointed out, New York has spent as much on transportation facilities as the entire United States spends in one year.

In describing the development of underground tubes and elevated trains, Mr. Ridgway showed slides of the highest elevated structure in the city, nearly sixty feet above the ground. This structure was erected without the interruption of street traffic.

Mr. Ridgway illustrated cross sections of subways, demonstrating the great complexity of problems of design and construction. In one case which Mr. Ridgway described, under the narrowest part of a street only thirty-five feet wide it was necessary to run the passages in the reverse position so that the passengers had to board trains from the left side.

Another slide of an excavation for a railway in underground wires showed graphically the difficulties encountered in building a subway under the maze of wires and conduits.

The deepest excavation for subways in New York City is at one place 115 feet below the ground. An elevator takes the passenger up to the street level.

Mr. Ridgway enriched his account of transportation problems by many interesting anecdotes out of his life with experience.