

in the morning sessions. The afternoons will be devoted largely to informal conferences on a variety of topics concerning both experimental and theoretical physics and to sports. A picnic dinner will be held one evening in Enfield Glen, a gorge that contains many interesting geological features. One morning will be given over to the presentation of ten-minute contributed papers by members of the society. The remainder of the formal program will consist of invited papers.

At one of the sessions certain features of modern astrophysics will be presented by Dr. S. A. Mitchell, director of the McCormick Observatory, University of Virginia, who will discuss "Atomic Structure under Conditions of Temperature and Pressure found at the Sun's Surface," and by Dr. J. Q. Stewart, of the Princeton University Observatory, whose subject will be "The General Problems of Astrophysics with Special Reference to the Opacity of Gases."

Among recent developments in physics three topics of widespread interest will be considered in papers entitled: "Secondary Structure of Crystals," by Professor F. Zwicky, of the California Institute of Technology; "Improvements in Technique in the Study of the Raman Effect with Particular Reference to Excitation by Single Lines," by Professor R. W. Wood, of the Johns Hopkins University, and "X-Ray Scattering and Atomic Structure," by Professor Arthur H. Compton, of the University of Chicago.

An address that will be of special interest to scientists in general will be given by Sir William Bragg, director of the Royal Institution of Great Britain, who will speak on "Faraday's Diary."

With a limited formal program, it is hoped that those attending the meeting will have an opportunity, often lacking at more crowded meetings, for getting better acquainted and for leisurely discussion of scientific topics.

On the day before the program begins at Ithaca, those attending the meeting have been invited by the Corning Glass Works to be their guests at a luncheon at Corning, N. Y., and to visit the factories at Corning and at Wellsboro, Pennsylvania.

ESTABLISHMENT OF THE INSTITUTE FOR ADVANCED STUDY

PLANS are announced for the establishment and endowment of the "Institute for Advanced Study." The fundamental conception underlying the plans is

set forth in a letter addressed by Mr. Louis Bamberger, formerly head of L. Bamberger and Co., of Newark, and his sister, Mrs. Felix Fuld, wife of Mr. Bamberger's late partner, to those who will be trustees of the institute for its first year.

The Institute for Advanced Study will provide facilities with which eminent men of learning may devote themselves to research and the training of advanced students for and beyond the degree of doctor of philosophy or other professional degrees of equal standing. This, therefore, will be exclusively a post-graduate institution.

Mr. Bamberger and Mrs. Fuld propose to provide the institution with an initial endowment of \$5,000,000 to which they expect to make further additions to an extent which they hope will provide adequately for the purposes of the institute.

Dr. Abraham Flexner, formerly secretary and director of the Division of medical education of the General Education Board, will serve as the first director of the division of medical education of the services as members of the faculty and staff of outstanding and most promising teachers in their respective fields.

The institute will be located in Newark or its vicinity. At its inception it will probably occupy temporary quarters while plans for permanent buildings and equipment are being developed, while the faculty and staff are being selected and the organization work of the institute is being effected.

The trustees for the first year are the following:

- DR. FRANK AYDELOTTE, president of Swarthmore College.
- EDGAR S. BAMBERGER, of Newark, N. J.
- LOUIS BAMBERGER, one of the founders.
- DR. ALEXIS CARREL, member of the Rockefeller Institute.
- DR. ABRAHAM FLEXNER.
- DR. JULIUS FRIEDENWALD, of Baltimore, Maryland.
- MRS. FELIX FULD, one of the founders.
- JOHN R. HARDIN, of Pitney, Hardin and Skinner, Newark.
- THE HONORABLE ALANSON B. HOUGHTON, formerly U. S. Ambassador to Germany and later to Great Britain.
- THE HONORABLE HERBERT H. LEHMAN, Lieutenant-Governor of New York.
- SAMUEL D. LEIDESDORF, of S. D. Leidesdorf and Co., New York City.
- HERBERT H. MAASS, attorney-at-law, New York City.
- DR. FLORENCE R. SABIN, member of Rockefeller Institute.
- PERCY S. STRAUS, of R. H. Macy and Co.
- DR. LEWIS H. WEED, dean of the medical faculty of the Johns Hopkins University.

SCIENTIFIC NOTES AND NEWS

A PORTRAIT by Mr. Ralph Clarkson of Professor Eliakim Hastings Moore, head of the department of mathematics in the University of Chicago, given to

the university by his former students, colleagues and friends, will be hung in the new Eckhart Hall of Mathematics, Physics and Astronomy.