

troubles of the modern world are really due to the advance of science."

The evening program of the conference was opened by a dinner at the Baltimore Country Club, given by President Ames in honor of the donors, the chemistry faculty and the speakers of the occasion.

Concluding the program for the day, Dr. Irving Langmuir, who recently received the Nobel award in chemistry, gave an exposition of recent research in the field of "Two Dimensional Gases, Liquids and Solids." His topic was of especial interest to advanced chemists and physicists.—N. E. G.

SYMPOSIUM ON THE PHYSICS OF NUCLEI AND OF HIGH ENERGY RADIATIONS

THERE was held from May 11 to 26 at the Norman Bridge Laboratory of Physics of the California Institute of Technology at Pasadena, a symposium on "The Physics of Nuclei and of High Energy Radiations," with the following program:

- "Some Considerations on Cosmic Rays," Professor P. S. Epstein.
- "The Free Positive Electron," Dr. C. D. Anderson.
- "The Foundations of Atomic Mechanics," Professor Niels Bohr, of the University of Copenhagen.
- "A Review of the Experimental Evidence for Neutrons," Professor C. C. Lauritsen.
- "The Foundations of Atomic Mechanics," Professor Niels Bohr.
- "Artificial Disintegration of Nuclei," Professor E. O. Lawrence, of the University of California.
- "Recent Cosmic Ray Observations," Dr. H. V. Neher.
- "The Foundations of Atomic Mechanics," Professor Niels Bohr.
- "Spontaneous Nuclear Decomposition," Dr. R. M. Langer.
- "The Foundations of Atomic Mechanics," Professor Niels Bohr.
- "The Absorption and Scattering of High Energy Radiations," Professor J. R. Oppenheimer.

In addition to his participation in the symposium, Professor Bohr delivered a general lecture on the subject, entitled "'Explanation' in Natural Science." In this lecture he described the gradual change which the idea of mechanical explanation has undergone and the general outlook to which we are led regarding the problems in biology and psychology.

CONFERENCE ON THE DIFFUSION OF SCIENTIFIC KNOWLEDGE

THE summer meeting of the American Association for the Advancement of Science in Chicago will give opportunity for a unique gathering that deserves the

special attention of scientific men. This is a Science Service Conference on the Diffusion of Scientific Knowledge which will be held on Friday, June 23. It will partake of the character of an international conference in which distinguished scientists from other countries will participate. It is hardly necessary to comment on the importance of the widest and most effective possible dissemination of information concerning advances in the scientific field. A few facts regarding the origin and general plan of the symposium will be of interest.

Last January the executive committee of Science Service sought to determine the most appropriate way in which that institution could cooperate with the association and the Century of Progress in the Chicago meeting. Out of that discussion came a plan to hold a conference on the diffusion of scientific knowledge with contributions from representative scientists of the various countries participating in the meetings. The value of such a conference was so clear that the officers in charge of the Chicago program enthusiastically approved the idea. The executive committee of Science Service requested its chairman, Dr. W. H. Howell, to arrange the symposium and to secure speakers from among the foreign guests representing the Scandinavian countries, England, France, Germany and Italy. In this way it is hoped to present a picture of methods employed in various parts of the world to bring scientific research before the public, and to provide an opportunity for scientific men from different countries to express their views in regard to the purposes to be sought and the means to be used in the popularization of science.

The speakers at the conference will include: Professor Joseph Barcroft, professor of physiology, University of Cambridge; Professor Niels Bohr, director of the Institute for Theoretical Physics, Copenhagen University, Copenhagen; Professor Filippo Bottazzi, professor of physiology, University of Naples; Professor Jean Dufrénoy, director of the Station of Agricultural Pathology, Brive (Corrèze), France; Professor Robert A. Millikan, director of the Norman Bridge Laboratory of Physics, California Institute of Technology. Dr. J. McKeen Cattell, president of Science Service, will preside at the conference.

The Science Service conference will be held at a luncheon meeting at the Hotel Stevens, on Friday, June 23, at 12:45 P. M. An invitation is extended to all interested to attend. Tickets will be obtainable at the American Association for the Advancement of Science registration booth, upon arrival in Chicago.—W. H. H.

SCIENTIFIC NOTES AND NEWS

DR. FRANK SCHLESINGER, director of the Yale University Observatory, has been elected a correspondent

of the Paris Academy of Sciences in succession to the late Professor H. H. Turner, of Oxford, England.