

Saturday morning will be devoted to "Some Applications of Knowledge of Structure," with Saul Dushman as discussion leader.

There will be twenty-seven papers on these five half-days, but since preprints are to be made available in advance of the meeting, the time required for presentation is expected to be small and the discussion will be allowed to take most of the time. Contributions to the discussion should be sent (in advance of the meeting, if possible) to Dr. W. A. Noyes, Jr., Brown University, Providence, R. I.

Only contributions received before January 10, 1937, can be considered for publication with the discussion. Such comments will be subject to editorial control and revision and probably space limitations will prevent the publication of the entire discussion.

On Saturday afternoon a session will be devoted to papers which were completed too late for inclusion among the preprints. The details of this session as well as the complete program of the other papers will appear in the News Edition of *Industrial and Engineering Chemistry*.

Preprints may be ordered from the Secretary of the Division of Physical and Inorganic Chemistry, Professor George Scatchard, Department of Chemistry, Massachusetts Institute of Technology, Cambridge, Mass. The price will be one dollar (except to the members of the division, who may order one copy each at the special rate of fifty cents).

Those planning to attend the symposium should make their own arrangements for hotel accommodations. Thirty rooms are available at the Graduate College at two dollars a night and reservations may be made through E. A. Smith, Graduate College, Princeton University, Princeton, N. J.

The registration fee will be fifty cents except to American chemists who are not members of the American Chemical Society, for whom the registration fee will be one dollar. The registration fee may be paid to the secretary of the division, Professor Scatchard, in advance of the symposium. In order that the committee may form an estimate of the probable

attendance a pre-payment of this registration fee would be appreciated by members of the committee.

The arrangements for the symposium have been under the direction of a committee consisting of H. L. Johnston, *chairman*, Farrington Daniels, Saul Dushman, W. M. Latimer, W. A. Noyes, Jr., H. S. Taylor, H. H. Willard and H. C. Urey, with John Turkevich, Princeton University, as local representative.

THE AMERICAN SCIENCE TEACHERS' ASSOCIATION

The tentative program for the meeting of the American Science Teachers' Association, affiliated with the American Association for the Advancement of Science, on December 31 at Atlantic City is as follows:

MORNING

"Composition of the Upper Atmosphere." Speaker: W. J. Humphreys, U. S. Weather Bureau.

"The Relative Claims of Natural Science and of Social Studies to a Core Place in the Secondary School Curriculum." Speakers: for natural science—Dr. Oscar Riddle, Carnegie Institution of Washington; for social studies—Dr. Roy W. Hatch, Montclair State Teachers College.

Discussion by leaders and from the floor.

LUNCHEON

Speaker: Dr. Edwin G. Conklin, president of the American Association for the Advancement of Science.

AFTERNOON

"The Next Ten Years in Science Education." Speaker: Dr. Otis W. Caldwell.

Discussion by leaders and from the floor.

"The Need for a National Publication for Science Teachers." Speaker: Professor Earl R. Glenn, Montclair State Teachers College.

Discussion by leaders and from the floor.

"Theories of Solar System Origin." Speaker: ———

Discussion by leaders and from the floor.

or

"Desirable Training for Science Teachers." Speaker: ———

Discussion by leaders and from the floor.

Business meeting.

SCIENTIFIC NOTES AND NEWS

DR. ALFRED NORTH WHITEHEAD, since 1924 professor of philosophy at Harvard University, who is now seventy-five years old, will retire with the title professor emeritus next September. He will also resign as senior fellow in the Society of Fellows. It is planned that the annual sessions of the American Philosophical Association, which will be held in Cambridge on December 28, 29 and 30, be in his honor.

PROFESSOR LEO LOEB will retire from the chair of

pathology and as head of the department at the Washington University School of Medicine on January 1.

DR. WILLIAM T. HORNADAY, who was for thirty years director of the New York Zoological Society, celebrated his eighty-second birthday on December 1.

THE honorary doctorate of science was conferred by Alfred University on Founders' Day, December 3, on Professor Alexander Silverman, head of the department of chemistry of the University of Pittsburgh, who