

Charles Smith. Finally Ling Yang described in detail some of his excellent work by means of electron diffraction on the relationship of electro-deposited antimony on antimony single crystals. The experimental results seem to be in agreement with theoretical investigations. The diversity of subject matter in this symposium indicated the well known wide range of applicability of x-ray and electron diffraction to some of the most basic phenomena occurring in metals.

Following the metals session on Friday, an informal round table discussion was held on the cementation of iron; Paul H. Emmett acted as moderator. This meeting was opened with a report of researches by electron diffraction on the cementation of steel by J. J. Trillat of the Sorbonne, Université de Paris. The European results on iron cementation were compared with American work and discussed by L. J. Hofer, Dr. Emmett, Dr. Gulbransen, and others. The success of this round table meeting prompted several persons to ask that similar sessions be held at future conferences.

The weightier business of the conference was relieved by activities in a lighter vein. 122 diners at the annual banquet Thursday evening were treated to inimitable renditions by the Sextet from Laue of "The Battle Hymn of the Listener" and "The Conference Theme Song", the refrain of which haltingly pursued the notes of "My Darling Clementine":

*O electron, x-ray photon,
Theta values come to mind,
Curving crystals, coefficients,
X-ray tubes of every kind.*

Musical appetites not entirely appeased by this classical performance were satisfied later in the evening by a brief but most enjoyable appearance of the renowned Westinghouse Male Quartet.

Leroy E. Alexander and H. P. Klug
Mellon Institute of Industrial Research

MEETINGS TO BE HELD

AIEE WINTER MEETING

Sixty technical sessions dealing with advances in the field of electricity and allied arts will be held at the Winter General Meeting of the American Institute of Electrical Engineers in the Hotel Statler, New York, Jan. 22-26. The meeting, largest of several held yearly by the Institute, is expected to attract several thousand engineers and scientists from all parts of the country. G. J. Lowell of the General Electric is General Chairman.

MOLECULAR STRUCTURE AND SPECTROSCOPY

A symposium on molecular structure and spectroscopy will be held at the department of physics of the Ohio State University from June 11th to June 15th. There will be discussions of the interpretation of molecular spectroscopic data as well as methods for obtaining such data. In addition, there will be sessions devoted to those phases of spectroscopy of current interest. A dormitory will be available for those who wish to reside on the campus during the meeting. For further information, or for a copy of the program when it becomes available, write to Professor Harald H. Nielsen, Department of Physics, the Ohio State University, Columbus 10, Ohio. The symposium will be sponsored this year jointly by the graduate school and the department of physics and astronomy at Ohio State and by the American Physical Society's division of chemical physics.

PETROLEUM CONGRESS IN HOLLAND

The third World Petroleum Congress is to be held from May 28th to June 6th, this year, at The Hague, Netherlands; plans for the program have already been completed. The national committee for the international congress representing the United States includes among its members E. V. Murphee of Standard Oil Development Co., F. S. Clulow of Shell Oil Co., Paul D. Foote of Gulf Research & Development Co., K. G. Mackenzie of the Texas Co., Earl Bartholomew of Ethyl Corporation, and W. F. Faragher of the Houdry Process Corporation. Further information may be obtained by writing to the secretary of the U. S. committee, K. G. Mackenzie, 135 East 42nd Street, New York 17, N. Y.

EMULSIONS COLLOQUIUM IN FRANCE

Plans have been announced for a 1951 colloquium to be held in Paris from September 24 through September 29 which will deal with sensitive emulsions and their physical and physical-chemical properties. The meeting is to be held under the joint sponsorship of the University of Paris, the Paris Faculty of Sciences, and the French National Center of Scientific Research. According to present information, the program will mainly deal with the physical-chemical properties of silver halides, the sensitivity of emulsions and optical sensitivity, development, and nuclear emulsions.

In order to increase interest in the meeting, its organizers have indicated a desire to send in advance to all participants a substantial résumé of the papers to be presented. This will be possible if authors will submit their papers not later than June 1951 so that sufficient time may be allowed for translation and printing. Communications should be addressed to Madame A. Vassey, Faculté des Sciences de Paris, rue Victor Cousin, Paris 5^e.

AIP ANNIVERSARY MEETING

The twentieth (china) anniversary celebration of the founding of the American Institute of Physics is to take place in Chicago from the 23rd to the 27th of October, during which period each of the Institute's five member societies will hold meetings. In addition, it is planned that there be an all-day symposium formed about the theme of "physics today", as distinguished from yesterday or tomorrow, which will constitute a survey of current knowledge in the various branches of the field.

An organizing committee headed by Paul E. Klopsteg is currently active in laying plans for the celebration. The Physical Society is represented on this committee by K. K. Darrow, the Optical Society by A. C. Hardy, the Acoustical Society by J. C. Steinberg, the Society of Rheology by W. W. Willets, and the Association of Physics Teachers by Dr. Klopsteg. J. C. Boyce and E. H. Land are members at large.

SPECTROSCOPY IN THE STEEL INDUSTRY

The American Association of Spectrographers has announced that a symposium on the "Use of Spectroscopy in the Steel Industry" is to be held in Chicago in May 1951. Papers from members or non-members, on any phase of the subject, are invited. Titles of contributions should be in the hands of the Chairman of the Symposium Committee, Ralph H. Steinberg, 9531 Avalon Ave., Chicago 28, Ill., at the earliest possible date.