

Lectures to be held June 18-21 at the State University of Iowa in Iowa City. One evening during the meeting will be devoted to an exhibit of original demonstration equipment and other teaching devices prepared by the participants. Registration is without fee. Further information may be obtained from J. A. Van Allen, Department of Physics, State University of Iowa, Iowa City.

Semiconductors

EXPERIMENTAL and theoretical concepts of electronic processes in semiconductors will be treated at the 1958 Conference on Semiconductors, which is to be held August 18-22 at the University of Rochester, Rochester, N. Y. Both surface and volume effects will be considered, with the term "semiconductors" being broadly interpreted to include not only semiconducting elements and compounds but also other crystals where similar concepts of energy bands, impurity states, and carrier transport are of prime importance.

This year's conference is being sponsored by the International Union of Pure and Applied Physics and by the following government agencies: Air Force Office of Scientific Research, ARDC, Atomic Energy Commission, National Science Foundation, and Office of Naval Research. Additional support will be provided by various US industrial organizations. Two previous international semiconductor conferences have been held, the first in 1954 (Amsterdam) and the second in 1956 (Garmisch-Partenkirchen).

The 1958 Semiconductor Conference has been scheduled for the week prior to the Conference on Electron Properties of Materials at Low Temperatures at Geneva, N. Y. (August 25-29), to enable foreign scientists to attend both.

Those wishing to attend the conference on semiconductors are requested to file applications before May 1, which is also the deadline for those wishing to submit abstracts (200 words or less). The conference proceedings are to be published early in 1959 as a single issue of the *Journal of the Physics and Chemistry of Solids*. All correspondence with regard to the conference, including abstracts, should be addressed to the conference secretary, Malcolm H. Hebb, P. O. Box 1088, Schenectady, N. Y.; details concerning the Electron Properties Conference may be obtained from M. D. Fiske at the same address.

Atmospheric Diffusion and Air Pollution

ABOUT 60 scientists, including fluid dynamicists, meteorologists, mathematicians, and oceanographers, will be invited to attend an International Symposium on Atmospheric Diffusion and Air Pollution to be held August 24-29 in Oxford, England. The symposium will be jointly sponsored by the International Union of Theoretical and Applied Mechanics and the International Union of Geodesy and Geophysics and will include sessions on turbulent diffusion on trajectories of air particles and suspensions in the atmosphere, the transfer through the tropopause and at the earth's surface, and on air pollution patterns from point

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