he topics receiving the greatest emphasis were photon bsorption processes, electron processes, the phenomenogical theory of photoconductivity, and photoconductive materials. The final session was devoted to current esearch on photoconductivity in indium antimonide, ermanium, tellurium, lead sulfide films and single rystals, and lead telluride films.

The conference was substantially enriched by the participation of several European scientists, including Aigrain, R. P. Chasmar, E. Mollwo, T. S. Moss, and Pincherle, Regrettably G. A. Busch was prevented by llness from attending.

Papers presented at this conference, together with ignificant comments from the floor, will be published. This volume, which is being prepared by John Wiley and Sons under the auspices of the American Institute of Physics, is expected to appear next summer.

Solid State Conference

Graduate students should occasionally have the opcortunity to meet with fellow students of their georaphic region and discuss the state of physics and their
wan particular problems. That is the motive prompting
he holding of the Annual Mid-West Solid State Conrecences. The third of these one-day meetings took place
on October 23rd, 1954, on the campus of the Univerity of Minnesota with an attendance of 73 persons
rom seven universities and eight companies and reearch institutions, the majority coming from that part
of the country flexibly termed the Middle West.

The formal program consisted of fourteen papers: ive by graduate students on work connected with thesis problems, five by university faculty members, and four the progress workers from nonacademic laboratories. Of the first group, work in progress was described on the electrical properties of thin metallic films, semi-conducting metallic compounds and high-temperature thermal conductivity measurements on uranium by D. G. Worden, C. R. Whitsett, and G. J. Pearson, all pof Iowa State College.

From the University of Missouri: work on infrared absorption of thin films deposited on magnesium oxide was described by W. Brouillette and a second paper by E. B. Hensley attempted a synthesis of the band model for BaO from these and other data on this material. Work done at the University of Illinois on an extended series of diffusion measurements in pure silver of elements closely associated in atomic number was described by L. Slifkin, now of the University of Minnesota.

Vivian Johnson, Purdue University, discussed the present approaches to the theory of thermoelectric power in semiconductors and H. T. Minden of Chicago Midway Laboratories described some properties of evaporated PbS films when exposed to an oxygen atmosphere. Work being undertaken at the host University on critical single domain size in ferrite granules was described by A. H. Morrish.

Other papers contributed included a discussion of



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The program included a luncheon with an after-metalk by Edward P. Ney of the University of Minneson physics department. Professor Ney discussed the aim and successes of high-altitude cosmic-ray research will special emphasis on the balloon method used at Minnesota. Following the formal presentation of papers, elensive visits were organized to several research activities in the departments of physics and electrical engineering of the University.

Arrangements for the meeting were in the hands of A. J. Dekker and he and his wife entertained at a very pleasant gathering on the evening preceding the conference. Present plans are to hold next year's meeting of the group at the University of Missouri, Columbia Missouri.

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Fermi Memorial Meetings

A public meeting in honor and memory of Enrice Fermi, organized in the form of a symposium by the Tata Institute for Fundamental Research, was held on December 14, 1954, in Bombay, India. The program included the following speakers: P. A. M. Dirac (The Development of Fermi's Statistical Theory and of the Theory of β -Decay); D. D. Kosambi (Fermi's Theory on Differential Geometry); K. S. Singwi (Slow Neutron Reactions and Reactor Development); B. Peters (Fermi's Theory of the Origin of Cosmic Rays), and H. J. Bhabha (Fermi's Theory of Meson Production).

At another public meeting held on January 5th at Los Alamos, New Mexico, a lecture entitled "Enrico Fermi and Modern Physics" was given by Hans & Bethe, professor of physics at Cornell University.

Physics Education

The Central Pennsylvania Section of the American Association of Physics Teachers will hold its second annual spring meeting at Wilson College, Chamberburg, Pennsylvania, April 1–2. Tentative plans for the program provide for contributed papers on Friday afternoon, a dinner meeting Friday evening, and evening address by some outstanding figure in the field of physics, a short business meeting on Saturday morning at which time officers for the following year will be elected, and a panel discussion on the theme of "The Joint Responsibility of High Schools, Colleges, and Industry to Encourage Students to Undertake Career