Clarke Beiler, Westinghouse Electric Corporation, Materials Research Laboratories, K-90, East Pittsburgh, Pa.

X-Ray Diffraction

The X-Ray Analysis Group of the British Institute of Physics and Physical Society will hold its autumn conference on x-ray diffractometry at the Institution of Civil Engineers in London on the 16th and 17th of November. The principal session of the conference will deal with single-crystal diffractometry; the other two sessions will be concerned with powder diffractometry and neutron diffractometry, respectively. Invited speakers will include Leroy Alexander of the Mellon Institute; P. M. de Wolff of the Technische Hogeschool of Delft; A. J. C. Wilson of University College, Cardiff; and G. E. Bacon of Harwell.

Correspondence regarding the program should be addressed to the honorary conference secretary, Dr. U. W. Arndt, The Royal Institution, Albemarle Street, London, W. 1, England. Information and application forms can be obtained from the Administration Assistant, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, S. W. 1, England.

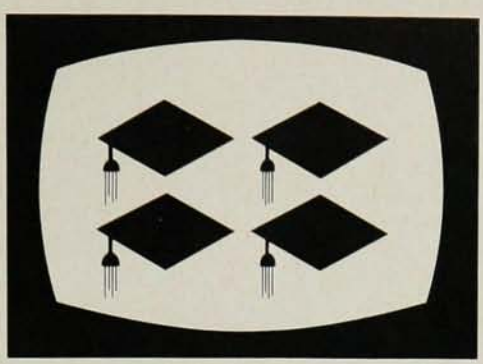
AAAS to Meet in Philadelphia

The 129th annual meeting of the American Association for the Advancement of Science will be held in Philadelphia during the period December 26–30. In addition to the sessions of the twenty AAAS sections and eighty participating organizations, the program will feature a number of special and general sessions, including the following:

An interdisciplinary symposium on planetary atmospheres has been scheduled for the morning of December 28. Arranged by Julius London of the University of Colorado, the symposium will offer papers by Philip D. Thompson (National Center for Atmospheric Research, Boulder) on the role of convection in the dynamics of planetary atmospheres; Arnt Eliassen (Geophysics Institute, University of Oslo) on the vertical propagation of energy in the atmosphere; Colin O. Hines (Defence Research Board, Ottawa) on turbulence in the upper atmosphere; and Raymond Hide (MIT) on laboratory experiments relating to the dynamics of planetary atmospheres.

A two-part general session will be held under the title "Moving Frontiers of Science", of which the first part, under the chairmanship of Henry Eyring, will take place on the evening of December 26. The second, under the chairmanship of William W. Rubey, will be held on the afternoon of December 28. The third George Sarton Memorial Lecture, which will also be the vice-presidential address of AAAS Section L (History and Philosophy of Science), will be given by Gerald Holton, professor of physics at Harvard, on December 28. The Section L program will include a report by W. James King on the project of the

Senior Engineers and Scientists



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The address of the retiring president of the AAAS (Thomas Park), the annual joint address of Sigma Xi and the united chapters of Phi Beta Kappa, and interdisciplinary symposia on the spread of technical knowledge as an instrument of economic development and on the biochemistry of genetic transcription are also listed in the general program.

The Physics Section of the AAAS will hold sessions on Saturday, December 29, in the Lecture Room of the Franklin Institute. That afternoon, there will be a session of short contributed papers on the teaching of physics at the collegiate level. Abstracts may be submitted by anyone who wishes to participate, whether or not he is a member of the AAAS. The abstracts (about 100 words) should be sent in duplicate to the secretary of Section B (Physics) of the AAAS, Dr. Stanley S. Ballard, Department of Physics, University of Florida, Gainesville, Fla. Although no definite deadline has been established, it is hoped that the abstracts will be received by December 1.

Further information about the meeting as a whole may be obtained from Raymond L. Taylor, American Association for the Advancement of Science, 1515 Massachusetts Ave., N. W., Washington 5, D. C.

APS at Stanford

The American Physical Society's 1962 Winter Meeting in the West will be held at Stanford University from December 27 to 29. Invited papers are planned in sessions devoted to nuclear structure, high-energy physics, electron scattering, accelerator design, solid-state physics, low-temperature physics, masers and spectroscopy, plasma physics, and radio astronomy. There will be a joint session, on topics of mutual interest, with the American Geophysical Union, which will be meeting concurrently on the Stanford campus. Information about accommodations can be obtained from the APS Local Committee, Physics Department, Stanford University, Stanford, Calif.

Further details concerning the AGU meeting can be obtained by writing to the Local Arrangements Committee, American Geophysical Union, Room 317B, Radioscience Laboratory, Stanford University, Stanford, Calif.

The Gas-Cooled Reactor

A symposium on the advanced gas-cooled reactor will be held March 14–15, 1963, in London, under the auspices of the British Nuclear Energy Society. The provisional program of six sessions includes papers on the design of reactors and components, fueling aspects, control and instrumentation, loop systems, corrosion and compatibility, core physics, heat transfer, and graphite behavior.

Preprints of the papers will be available about a month before the symposium takes place. All in-