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### *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