

relation to Christian ideas of man's place in Nature (Dr. David Lack); scientific objectivity in relation to faith—a dialogue between Mr. H. J. Blackham and Mr. Michael Foster; space, time and matter—the world-view of modern physics (Dr. G. J. Whitrow); theology and the future of science—a general symposium. The method to be adopted at each meeting will be to survey the most modern findings and feelings of each of the relevant fields of science and see what relation they have to Christian presuppositions about the subject-matter of those sciences; the attempt will be made to discover where points of tension occur and whether this tension in different cases is due to the need for re-formulating certain Christian beliefs, revaluation of scientific theories or simply to an illegitimate claim on either side that its particular type of language is exclusively valid. The admission fee for each lecture is 1s. 6d. for members of St. Anne's House and 2s. for non-members.

X-Ray Analysis Group of the Institute of Physics : Autumnal Conference

THE X-Ray Analysis Group of the Institute of Physics will be holding its annual autumn conference and exhibition during November 20–21 at the Institution of Electrical Engineers, Savoy Place, London, W.C.2. The conference will be divided into four sessions as follows: film methods and micro-densitometry; counter spectrometry; the objects of the Equipment Sub-Committee; and identification by X-ray analysis. In addition, there will be an evening discourse on November 20 by Dr. R. W. G. Wyckoff, who will give a survey of X-ray diffraction in the United States. The exhibition will be on X-ray crystallographic equipment and will be divided into a commercial and a research section. The conference and exhibition are open to all, without charge, on completion of an application form, copies of which can be obtained from the Deputy Secretary, Institute of Physics, 47 Belgrave Square, London, S.W.1. The secretary of the conference is H. J. Goldschmidt, B.S.A. Group Research Centre, Greystones Hall, Greystones Hall Road, Sheffield 11.

Harwell isotope School

INTEREST in the continually growing use of radioactive isotopes throughout the world and the demand from universities, hospitals and industrial organizations abroad are now at the rate of four thousand consignments for instruction, and this has compelled the Isotope School of the Atomic Energy Research Establishment, Harwell, to introduce an additional course for the second time this year. The School was started two years ago to teach the techniques of using and handling radioactive materials to scientists, doctors and industrial research workers. The series of courses planned for this year did not include one for July, but one had to be arranged and was filled. There is still such a heavy demand for places that another extra course will be held during November 16–December 11. Applications to be considered for this course should be sent to the Isotope School, Atomic Energy Research Establishment, Harwell, Berkshire. More than two hundred and fifty students have so far attended the school, from twenty different countries. Isotopes are now being sent out from Harwell at the rate of 11,000 a year, of which four thousand are exported. The fee is £40 for the course, and accommodation may be arranged for students at an additional charge of £7 7s. a week.

Chemistry and Physics of Synthetic Fibres

THE Plastics and Polymer Group of the Society of Chemical Industry is arranging a symposium on "The Chemistry and Physics of Synthetic Fibres", to be held in the lecture theatre of the Institution of Electrical Engineers, Savoy Place, London, W.C.2, during March 24–26. Papers will be presented and discussed on the chemical and physical basis of fibre formation and the properties of fibres in relation to the molecular structure and conditions of formation, the phrase 'synthetic fibres' being interpreted in the broader sense, meaning material brought into a fibrous structure by a manufacturing process, irrespective of the source of the raw materials. In order to limit the scope of the symposium, the process of dyeing, the properties of textiles, the economics of the industry and historical surveys will not be included as major items, although reference may be made to such topics if they have an important bearing on the basic theme of the symposium. Papers will be presented in full, but will not usually take more than 30–40 minutes each. Preprints will be available, and authors should submit their manuscripts before November 1. Those with insufficient material for a full paper will be able to present their ideas in the discussions. All communications relating to the symposium should be addressed to Mr. A. R. Burgess, Plastics and Polymer Group, Society of Chemical Industry, 56 Victoria Street, London, S.W.1.

Announcements

DR. A. A. WELLS has been appointed chief research engineer and head of the Engineering Research Station, Abington (nr. Cambridge), of the British Welding Research Association; in addition, Mr. R. P. Newman has been appointed chief administrative officer of the Station.

THE Institute of Metal Finishing has awarded its Westinghouse Brake and Signal Co., Ltd. Prize for 1952–53 to Dr. A. E. Davies, Mr. R. M. Angles and Dr. J. W. Cuthbertson, joint authors of a paper on the complex fluorides for the deposition of tin and tin alloys.

THE annual conference of the British Institute of Management will be held at Harrogate during November 11–14. Further information can be obtained from the Director, British Institute of Management, Management House, 8 Hill Street, London, W.1.

THE American Society for the Study of Sterility is offering a prize of a thousand dollars for an essay on the subject of infertility and sterility. Essays must be submitted not later than March 1, 1954. Further details concerning the competition can be obtained from the secretary of the Society, Dr. Herbert H. Thomas, 920 South 19th Street, Birmingham, Alabama.

THE Royal Institute of Philosophy has recently announced its lecture programme for the session 1953–54. The session opens with a course of six lectures on "Fundamental Questions of Philosophy" by Dr. A. C. Ewing. All lectures are given on Fridays at 5.30 p.m. at University Hall, 14 Gordon Square, London, W.C.1, the first one being on October 16. The lectures are open to the public, and programmes for admission can be obtained free of charge upon enclosing a stamped addressed envelope to the director of studies, S. E. Hooper, at the above address.