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plications in astrophysics. Informal seminars will be conducted twice weekly throughout the symposium, and a total of thirty lectures will be given by Walter Baade of Mt. Wilson and Palomar Observatories, George Gamow of George Washington University, G. K. Batchelor of the University of Cambridge, and E. E. Salpeter of Cornell University. The symposium on x-ray diffraction (June 29 to July 17) will be featured by twenty-one lectures by P. P. Ewald of Brooklyn Polytechnic Institute, William N. Lipscomb of the University of Minnesota, and Robert L. Livingston of Purdue University.

The annual meeting of the American Crystallographic Association will also be held at the University from June 22 through June 26, during the week immediately preceding the two symposia. Details of the ACA program can be obtained from the Secretary, Howard Pickett, General Electric Company, X-Ray Department, Milwaukee, Wisconsin.

For information on housing and any other questions in connection with the astrophysics symposium, write to Professor Leo Goldberg, Chairman of the Department of Astronomy, University of Michigan, Ann Arbor, Michigan. Questions relating to the symposium on x-ray diffraction should be addressed to Professor L. O. Brockway of the University of Michigan Department of Chemistry.

Molecular Spectroscopy

Conference in Paris this Summer

Since 1947, four major international conferences on molecular spectroscopy have been held in Europe. A fifth meeting is planned to take place this year in Paris beginning on June 29th and extending four or five days beyond that date. The conference will consider methods of investigating the structure of molecules with the aid of electromagnetic waves, and in this connection will be concerned with all wave lengths from the x-ray region to radiofrequencies. Secretaries for the conference, which is to be held at the University of Paris (the Sorbonne), are A. Kastler and J. Lecomte. Communications should be directed to Dr. Lecomte, Laboratoire de Recherches physiques, Sorbonne, 1 Rue Victor Cousin, Paris 5*, France.

During the week beginning July 6th, the Société française de Chimie Physique is planning to hold a symposium on recent advances in studies of molecular structure at the Sorbonne. The secretary is Dr. G. Emschwiller, 10 Rue Vauquelin, Paris 5*, France.

Cosmic Radiation

International Congress in France

An international congress on recent developments in cosmic-ray research will be held July 6-11 in the French Pyrenees under the organization of the University of Toulouse and with the support of the Commission for Cosmic Rays of the International Union of Pure and Applied Physics and of the United Na-

tions Educational, Scientific, and Cultural Organization (Unesco). Location of the congress will be at Bagnères-de-Bigorre, a resort near the Observatory of the Pic du Midi, where several groups of physicists are presently engaged in work on high-energy particles and on problems relating to cosmic radiation. Additional information may be obtained by writing to M. L. Leprince-Ringuet, Ecole Polytechnique, 17 rue Descartes, Paris 5, France.

Conference at Oxford

Ionization Phenomena in Discharges

The Clarendon Laboratory, Oxford, in cooperation with The Institute of Physics, the Physical Society, and the British Electrical and Allied Industries Research Association, will hold a conference on ionization phenomena in discharges from July 18th to 23rd, the principal subjects under discussion being mechanisms of glow discharges, Geiger counters, sparks and arcs, electrodeless discharges, photo-ionization, and ionization by electron collision in gases. Laboratory visits and social meetings will also be held. Further particulars may be obtained from Dr. G. Francis, Clarendon Laboratory, Oxford, England.

Radiology Congress in Copenhagen

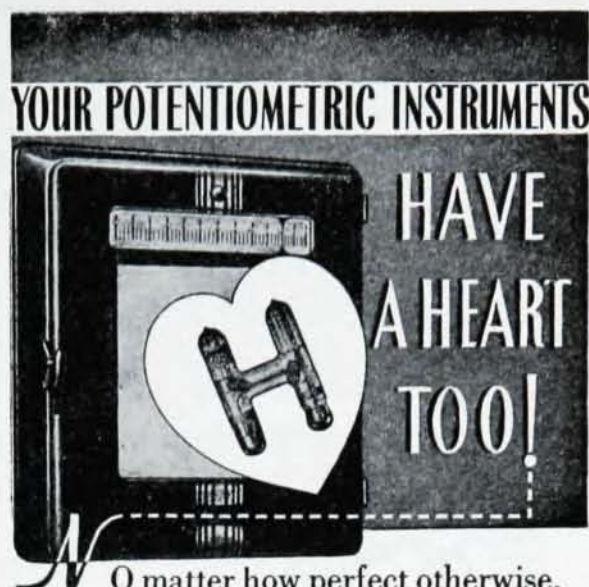
King Frederik IX to Open Meeting

The Seventh International Congress of Radiology will be held in Copenhagen, Denmark, from July 19th to 25th under the honorary presidency of Niels Bohr. It is expected that King Frederik IX will open the Congress, which will consist of general meetings and section symposia. The scientific program is divided into five sections: radiodiagnosis, radiotherapy, radiation biology, radiation physics, and x-ray technology. Tours of the vicinity and possibly of Scandinavia are being organized for the participants in the Congress who are interested. Correspondence should be addressed to The Seventh International Congress of Radiology, Øster Voldgade 10, Copenhagen K, Denmark.

Symposium on Plasticity

To Be Held at Brown University in September

Brown University will be host on September 1, 2, and 3 to its Fourth Plasticity Symposium, sponsored jointly by the University, the American Society of Civil Engineers, and the Office of Naval Research. The principal topics of the Symposium will be: 1. stress-strain relations (perfectly plastic, work-hardening, visco-elastic, and visco-plastic materials); 2. distribution of stress and strain in bodies exhibiting inelastic properties (static and dynamic problems, infinitesimal and finite deformations); and 3. structural analysis and design in the inelastic range (limit analysis, static and dynamic loading, shakedown, inelastic buckling). Professor H. J. Weiss, Graduate Division of Applied Mathematics, Brown University, Providence 12, Rhode Island, will provide further information upon request.



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