

MEETINGS

Canadian Theorists

THE Theoretical Physics Division of the Canadian Association of Physicists will hold its 2nd Quadrennial Seminar in Theoretical Physics at the University of Montreal, August 13 to September 1, in conjunction with a seminar of the Canadian Mathematical Congress. Lecturers include A. B. Bhatia, G. F. Chew, S. R. de Groot, F. A. Kaempffer, M. H. L. Pryce, and H. Reeves. A one-week congress held in cooperation with the mathematicians will follow. The registration fee is \$10. Requests for accommodations at the University should be sent to Dr. Guy Paquette, Department of Physics, U. of Montreal, Montreal, Canada; for further information: Theoretical Physics Division of the CAP, Department of Physics, U. of Alberta, Edmonton, Canada.

Cybernetics

FIVE themes will be considered by the Third International Congress on Cybernetics, to be held from September 11 to 15 at Namur, Belgium. The conference, which is being organized by the International Association for Cybernetics, will take up the following topics: (1) the bases and methods of cybernetics, (2) semantic machines, (3) technical aspects of automation, (4) economic and social aspects of automation, and (5) cybernetics and life. A general opening address will be given by Georges Villiers, president of the French National Employers Council. Further information may be requested from the Secretariat de l'Association Internationale de Cybernétique, A. S. B. L., Rue Basse-Marcelle, 13, Namur, Belgium.

Research Reactors

PROGRAMMING and Utilization of Research Reactors, an international symposium sponsored by the International Atomic Energy Agency, will convene in Vienna, Austria, October 16-20. The program will be divided into three main subject areas: (1) Problems confronting new research centers, (2) Utilization of research reactors for training, basic experiments, and research, and (3) Possibilities of collaboration of research reactor centers, especially between advanced and new laboratories.

Under the first topic listed above, the following considerations will be discussed: organization of a research reactor center and its integration with other research efforts in the country, selection of a research reactor, supporting facilities and laboratories, technical staff requirements, the planning of research programs, and reactor operation and safety. In connection with

the utilization of research reactors, the papers presented will have to do with research programs in reactor physics and engineering, nuclear and solid-state physics, chemistry, chemical engineering and metallurgy, isotope production, agriculture, and biology and medicine.

Requests for additional information should be addressed to the IAEA Public Information Office, Room 2249, United Nations, New York, N. Y.

Optical Society

THIS year's fall meeting of the Optical Society of America will be held October 18-20 in the Biltmore Hotel in Los Angeles and will have as its main feature a group of six invited papers presenting a broad view of modern optics. The following titles and speakers have been announced: (1) Basic Research in Physical Optics at the Michelson Laboratory, by William Koehler of the Naval Ordnance Test Station; (2) Optics in Aircraft and Missiles, by Glenn Wooters of the Northrop Corporation; (3) Instrumentation Utilizing Visual, Electron, and X-Ray Optics, by David B. Wittry of the University of Southern California; (4) Lens Design—Past, Present, and Future, by Eugene K. Thorburn of the Perkin-Elmer Corporation; (5) Light in the Sea, by S. Q. Duntley of the Scripps Institution of Oceanography; and (6) Astronomical Optics and Instrumentation in the Modern Observatory, by A. E. Whitford of Lick Observatory. Hope has been expressed that the program of invited papers will stimulate the presentation of contributed papers in the above and related areas of interest in optics.

The deadline for submitting titles and duplicate copies of abstracts (200 words or less) is August 1. The special abstract forms which are required are obtainable from the OSA Executive Offices in Washington, D. C.

In addition to the technical sessions, the meeting will include a banquet to be held the night of October 19 at which Allan Sandage of the Mt. Wilson-Mt. Palomar Observatories will speak on the subject "Exploring the Universe". There will also be an instrument show featuring "hardware" from all areas of optics, and field trips to Mt. Palomar (October 17), the Michelson Laboratory, and possibly a motion picture studio. It has been requested that anyone desiring to go on any of the field trips (especially the trip to Mt. Palomar) communicate as soon as possible with W. Perkins, 1451 Eastridge Drive, Whittier, Calif.

All other communications concerning the program, abstracts, etc., should be addressed to Dr. Mary E. Wurga, Optical Society of America, Executive Office, 1155 Sixteenth Street, N. W., Washington 6, D. C.