Solids, which meets July 16 and 17 in Paris, will discuss the propagation of electromagnetic waves in solids, instabilities, amplification of waves, pinch effects, and related phenomena. Further information and application forms can be obtained from Prof. J. Bok, Laboratoires de Physique, Ecole Normale Supérieure, 24, rue Lhomond, Paris 5, France.

From July 16 through 18, a symposium on Radiation Damage in Semiconductors will be held near Paris under the sponsorship of UNESCO and IUPAP. The subjects discussed will be thresholds and creation rates of defects, structure and properties of defects in simple and compound semiconductors, and interaction between defects. Radiation effects on electronic devices, and problems relating to organic and ionic crystals and to ceramics will, in principle, be excluded from the program. Further information and application forms can be obtained from Prof. P. Baruch, Laboratoires de Physique, Ecole Normale Supérieure.

Radiative Recombination in Semiconductors will meet July 27 and 28 in Paris. This meeting will discuss injection luminescence and photoluminescence in semiconductors, application to the determination of energy levels in semiconductors, and injection lasers and related experiments. The technology and applications of injection lasers will be excluded. Further information and application forms can be obtained from Dr. C. Benoit à la Guillaume, Laboratoires de Physique, Ecole Normale Supérieure.

Luminescence

The Institute of Physics and the Physical Society has announced that it will hold a conference on luminescence, to be held September 15-17 at the University of Hull. A provisional program includes sessions on theoretical aspects of luminescence, electroluminescence, cathodoluminescence, etc.; phosphor preparation, single-crystal growth, organic phosphor systems, luminescent materials for lasers, and others.

Triplicate copies of 100-200-word abstracts should be sent as soon as possible, and not later than June 1, to Prof. G. F. J. Garlick, Physics Depart-

Positions Open

ment, The University, Hull, Yorkshire.

Further information and application forms will be available in June from the Administration Assistant, The Institute of Physics and the Physical Society, 47 Belgrave Square, London, S. W. 1, England.

Antennas

The Institute of Electrical and Electronics Engineers' Professional Technical Group on Antennas and Propagation will hold its 1964 international symposium at the International Hotel at New York City's Idlewild Airport. The meeting will take place from September 22 to 24, and papers on any phase of antenna and propagation research are solicited. Topics of particular interest are electronically steerable arrays, signal-processing antennas, synthetic apertures, frequency-independent antennas, satellite antennas, radio-astronomy and low-noise antennas, re-entry problems, propagation, antenna theory, radar and tracking antennas, and new antenna applications and techniques.

Triplicate 1000-word summaries, in English, and including all figures (up to six), must be sent by March 2 to Dr. Henry Jasik, c/o Jasik Laboratories, 100 Shames Drive, Westbury, Long Island, N. Y. Other information regarding the symposium can be obtained from the IEEE, Box A, Lenox Hill Station, New York 21, N. Y.

ISA

The 1964 annual meeting of the Instrument Society of America, and its concurrent product exhibit, will take place October 12 to 15 in New York City. Approximately 70 technical sessions will present papers on measurement, information processing, automatic control and all other major areas of instrumentation.

Abstracts should be sent by March 31 to H. Tyler Marcy, Vice President —Development, General Products Division, International Business Machines Corporation, White Plains, N.Y. Other inquiries regarding the meeting can be obtained from the Instrument Society of America, Penn-Sheraton Hotel, 530 Wm. Penn Place, Pittsburgh.