

space craft, and energy conversion; electronics and communications, including antennas, propagation, lasers, masers, radiometry, space measurements, information theory and coding, automatic controls, electron devices, semiconductor circuitry, circuit theory, high-speed data by wire, advances in telephone techniques, military electronics, satellite relays, communication systems, medical electronics, reactor instrumentation, audio, data processing, and pattern recognition. At least two sessions on instrumentation are planned. They will include papers on all areas of operation served by the ISA.

Abstracts of approximately 200 words must be sent by January 15 to Prof. C. Clark, Electrical Engineering Department, Utah State University, Logan, Utah. Additional information regarding the meeting can be obtained from the Institute of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 21, N.Y.

Inhaled Radionuclides

A symposium on Inhaled Radioactive Particles and Gases will be held in Richland, Wash., from May 4 to 6. Sponsored by the Atomic Energy Commission and the General Electric Company, this meeting will be the third of a series of symposia on radiation biology to be conducted by GE's Hanford Laboratories.

Subjects to be discussed will include properties and sources of radioactive particles and gases, review of physiology and anatomy of respiratory tract, disposition of inhaled radioactive particles and gases, lung dose considerations, lung models, biological effects, and therapeutic procedures.

Additional information can be obtained from Dr. William J. Bair, Biology Laboratory, General Electric Company, Richland, Wash.

Radar

Project Michigan, the armed forces, and the Radar Laboratory of the University of Michigan's Institute of Science and Technology will sponsor the tenth annual Radar Symposium, May 26-28, at Fort Monmouth, N. J. This meeting, which covers all areas of radar research and development, is

primarily intended for the presentation of classified research information, and contributions in this category will be preferred over the more easily obtained unclassified information. However, it is preferred that titles and abstracts, which are due by January 15, be unclassified so that they may be included in the program. In addition to the abstracts, summaries, which may be classified, giving the fullest possible account of the papers are requested. Ten copies of both the abstracts and the summaries are required.

All correspondence regarding the meeting should be sent to the Coordinator, Tenth Annual Radar Symposium, Institute of Science and Technology, University of Michigan, PO Box 618, Ann Arbor, Mich.

Health Physics

The ninth annual meeting and exhibit of the Health Physics Society will take place June 14-18 at the Netherlands Hilton Hotel in Cincinnati.

The provisional program includes the following topics: (1) environmental monitoring, (2) radiation physics, (3) instrumentation and dosimetry, (4) radium and thorium, (5) fission products and other man-made radionuclides, (6) aerospace nuclear safety, (7) reactor and criticality safety, (8) waste management, (9) environmental cycling of radionuclides, (10) bioassay, (11) methodology in radioanalyses, (12) radiation biology, (13) education, training, and certification, and (14) standards review.

Abstracts and/or complete manuscripts must be sent by February 1 to C. P. Straub, Taft Sanitary Engineering Center, Cincinnati 26, Ohio. Further information regarding the meeting can be obtained by writing to H. F. Kolde, at the Taft Center.

Solid-State

Three special symposia, with attendance limited to 100 persons for each, will be held in association with the International Conference on Semiconductor Physics that takes place July 19 to 24 in Paris under the auspices of UNESCO, IUPAP, and the Société Française de Physique.

The symposium on Plasma Effects in

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Physics Today, Box 1263

335 East 45 St.,

New York 17, N. Y.

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-

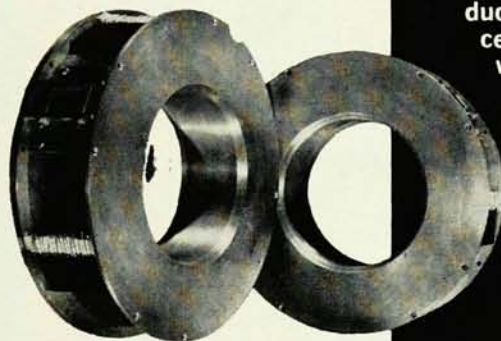
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