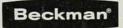
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Fast-Neutron Physics

Recent developments in fast-neutron physics will be reviewed at an international conference to be held from February 26 to 28 at Rice University as part of that institution's semicentennial celebration in 1963. The conference is also intended to honor the memory of the late Tom W. Bonner, an internationally recognized authority in the field of neutron physics who served as chairman of the Rice Physics Department from 1947 until his death in December of last year.

The conference will immediately precede the joint meeting in Houston of the American Physical Society and the Mexican Physical Society, which will be held on the Rice campus from February 28 to March 2. The program of the conference on fast-neutron physics will include a historical and memorial session of invited papers by Sir John Cockcroft of Cambridge University, R. G. Herb of the University of Wisconsin, and E. Bretscher of Harwell, followed by a memorial ceremony in honor of Prof. Bonner. The other sessions will be devoted to papers organized under the following categories: neutron sources, spectra, and thresholds; neutron-induced reactions and inelastic scattering; elastic scattering and resonance; and polarization studies.

Further information can be obtained by writing to Dr. G. C. Phillips, Physics Department, Rice University, Houston 1, Texas.

Mass Spectrometry

The Eleventh Annual Conference on Mass Spectrometry and Allied Topics, organized by Committee E-14 of the American Society for Testing and Materials, will take place May 14–19 at the Sheraton-Palace Hotel in San Francisco. In addition to sessions of contributed papers, the program will include four half-day symposia devoted respectively to invited papers on the following four main topics: (1) theoretical problems related to mass spectrometry, (2) certain phenomena in collision mass spectrometry, (3) applications of high-resolution mass spectrometers, and (4) mass spectral studies of high-temperature inorganic processes.

Bound volumes of preprints will be available to those attending the conference. The deadline for submitting abstracts of contributed papers is February 1. Abstracts and papers should be sent to N. D. Coggeshall, Gulf Research & Development Co., P.O. Drawer 2038, Pittsburgh 30, Pa.

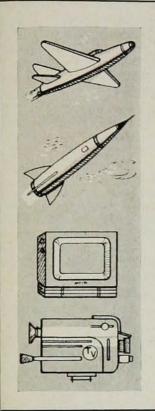
Microwave Theory and Techniques

A call for papers has been issued for the 1963 National Symposium of the Institute of Radio Engineers' Professional Group on Microwave Theory and Techवासीस

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niques, which is scheduled to take place May 20-22 at the Miramar Hotel in Santa Monica, Calif.

For those wishing to present contributed papers, a 100-word abstract and a 1000-word summary, both in duplicate, should be submitted by January 5 to Dr. Irving Kaufman, Space Technology Laboratories, Inc., 1 Space Park, Redondo Beach, Calif. General information about the symposium can be obtained from Alvin Clavin, Rantec Corporation, 23999 Ventura Boulevard, Calabasas, Calif.

Vacuum Science

On behalf of the Joint British Committee for Vacuum Science and Technology, the amalgamated Institute of Physics and Physical Society is arranging a one-day symposium on education in vacuum science and technology. The meeting is to be held at Brunel College, Acton, London, on May 29.

Sessions will be devoted to the following topics: (1) content of lecture courses in physics undergraduate curricula, (2) the necessity for postgraduate courses in vacuum technology with special reference to engineering, (3) educational work in vacuum science and technology abroad, and (4) laboratory experiments in vacuum technology suitable for courses in colleges of technology.

Additional information and advance-registration forms will be available in February and can be obtained from the Administration Assistant, The Institute of Physics and the Physical Society, 47 Belgrave Square, London, S.W.1, England.

Materials

An International Conference on Materials will be held February 3–7, 1964, in Philadelphia, under the sponsorship of the American Society for Testing and Materials. Scheduled in conjunction with the Society's annual Committee Week, the meeting will emphasize the need for world-wide cooperation in the advancement of materials technology. The cooperation of ASTM in the standardizing activities of other nations will also be stressed. Several of the conference sessions, covering the use of nuclear physics in the testing of materials, will be cosponsored by the International Union of Testing and Research Laboratories for Materials and Structures.

The program is expected to include papers on plasmas, thermonuclear power generation, magneto-hydrodynamics, masers and lasers, electromagnetic properties at cryogenic temperatures, very-high-frequency ultrasonics, microelectronics, and related areas. The emphasis in each case will be on materials problems. Invited papers will present new contributions, rather than review subject fields.

Further information can be obtained from the American Society for Testing and Materials, 1916 Race St., Philadelphia 3, Pa.

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