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mittee, International Symposium on Macromolecular Chemistry, P. O. Box 816, Sarnia, Ont., Canada.

Subcritical Assemblies

UNIVERSITY use of subcritical assemblies is the subject of the eighth annual summer symposium of the Oak Ridge Institute of Nuclear Studies, which will take place August 28-30 in Gatlinburg, Tenn. Cosponsoring the meeting are the Education Committee of the American Nuclear Society, the Oak Ridge National Laboratory, and the Atomic Energy Commission.

Representatives of universities, industry, and the government will discuss various types of subcritical assemblies, the techniques of their use, their applications in university research and education programs, and procedures for obtaining such assemblies for use on university campuses. Further information on the meeting is available from the Symposium Office, University Relations Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.

Thin Metallic Layers

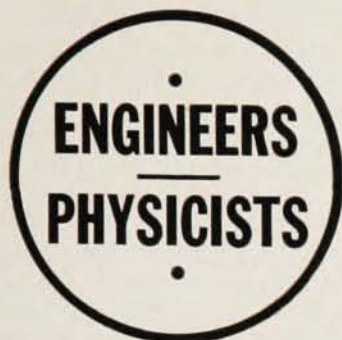
ELECTRIC and magnetic properties of thin metallic layers will be discussed at a symposium to be held September 4-7 in Louvain, Belgium, under the sponsorship of the International Union of Pure and Applied Physics and the Flemish Academy of Sciences. According to the provisional program, the subjects to be discussed are (1) electrical conductivity (ordinary electrical conductivity, superconductivity, magneto-resistance, and properties at hyperfrequencies) and (2) magnetic properties (determination of magnetic quantities, domain structure, and investigations with neutrons).

The official languages of the symposium will be French and English and it is the intention of the Flemish Academy to publish the papers. Registration forms and additional information should be requested from Prof. A. Van Itterbeek, Instituut voor Lage Temperaturen en Technische Fysica, Naamsestraat 61, Louvain, Belgium.

Aero-Space Nuclear Propulsion

AN International Symposium on Aero-Space Nuclear Propulsion, sponsored by the National Aeronautics and Space Administration, the Atomic Energy Commission, and the Professional Group on Nuclear Science of the Institute of Radio Engineers, will be held October 23-26 in Las Vegas, Nev. Instrumentation, control systems, engine simulation, engine dynamics aspects of aero-space nuclear propulsion and nuclear auxiliary power fields, and radiation and temperature effects on instruments and controls will be discussed, and there will also be a review of the SNAP, Rover, Pluto, and ANP programs. AEC Chairman Glenn T. Seaborg will give the banquet address.

The meeting will be unclassified. A 500-word abstract and rough draft of each paper (approximately 25 minutes in length) should be submitted by July 1 to P. M.



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Uthe, University of California, Lawrence Radiation Laboratory, Box 808, Livermore, Calif. For further information write to D. J. Niehaus, Institute of Radio Engineers, 1 East 79th St., New York 21, N. Y.

Electromagnetic Theory and Antennas

SUBJECTS of current importance in electromagnetic theory and its applications will be highlighted at a symposium scheduled to take place June 25-30, 1962, at the Technical University of Denmark in Copenhagen. Sponsoring organizations are the International Scientific Radio Union, the Technical University of Denmark, the Danish Academy of Technical Sciences, and the Danish National Committee of URSI. The 1962 Symposium on Electromagnetic Theory and Antennas will be a continuation of three previous symposia, one on microwave optics held in 1953 at McGill University, the second on electromagnetic wave theory held in 1955 at the University of Michigan, and, most recently, the 1959 meeting on electromagnetic theory at Toronto University. Next year's symposium will be open to interested persons from any country.

The program will consist of invited introductory papers, followed by shorter contributed papers and discussions. Papers dealing with the following subjects are welcome: electromagnetic fields in anisotropic media such as plasmas and ferrites, diffraction theory, scattering in random media, quasi-static electromagnetic problems, theory of broad-band antennas, and antenna pattern synthesis.

Although the organizers hope that persons wishing to participate will submit 800-1200-word summaries of proposed papers as early as possible, the deadline for their submission is December 1, 1961. The summaries should be sent to the Technical Program Committee, Symposium on Electromagnetic Theory and Antennas, The Technical University of Denmark, Øster Voldgade 10 G, Copenhagen K, Denmark. Additional information and the necessary registration forms can be obtained by writing to H. Lottrup Knudsen, secretary of the conference, at the above address.

Standards and Electronic Measurements

A TECHNICAL program emphasizing fundamental aspects of electronic standards and measurements will be presented next year at the third biennial Conference on Standards and Electronic Measurements, to be held August 14-16, 1962, at the Boulder Laboratories of the National Bureau of Standards. The meeting, which is expected to cover the entire useful frequency spectrum, will be sponsored by the Radio Standards Laboratory of the National Bureau of Standards, the Professional Group on Instrumentation of the Institute of Radio Engineers, and the Instrumentation Division of the American Institute of Electrical Engineers.

Additional information concerning the 1962 conference can be obtained by writing to Dr. John M. Richardson, Chief, Radio Standards Laboratory, National Bureau of Standards, Boulder, Colo.