

PUBLISHING NEWS

Editors for JAP and APL

The American Institute of Physics has designated Frank E. Myers, associate laboratory director for education at Argonne National Laboratory, as editor of the *Journal of Applied Physics* and of *Applied Physics Letters*. Foster F. Rieke, senior physicist in the Radiological Physics Division at Argonne, and Lester Guttman, senior chemist in Argonne's Solid State Science Division, will serve as associate editors. Drs. Myers and Rieke are fellows of the American Physical Society; Dr. Guttman is a member of the American Chemical Society.

James H. Crawford, assistant director of the Solid State Division at Oak Ridge National Laboratory, resigned as editor of the two journals on September 30, 1964, after four years' service. Since that time, Elmer Hutchisson, retired director of the AIP, has filled in as acting editor. The address of the new editorial office for *JAP* and *APL* is: Argonne National Laboratory, Box 296, Argonne, Ill. 60440.

Before coming to Argonne in 1958, Dr. Meyers was dean of the Graduate School and head of the Physics Department at Lehigh University. He started his graduate studies in 1928 at New York University, and he attained the rank of associate professor there before he went to Lehigh in 1946. His principal scientific contributions have been in the areas of electron and nuclear physics.

Dr. Rieke earned his PhD in physics at Harvard in 1933 and later carried on research and teaching at Johns Hopkins, Chicago, MIT Radiation Laboratory, and Purdue. He was chief physicist in the Laboratories of Applied Science at the University of Chicago from 1953 until he came to Argonne in 1963. His research has been in the areas of chemical physics, photosynthesis, microwaves, physical electronics, and semiconductors.

Dr. Guttman received his PhD in chemistry at the University of California in 1943. His work on the Manhattan Project was followed by appointment to the staff of the Univer-

sity of Chicago Institute of Metals. After holding a Guggenheim fellowship with the United Kingdom Atomic Energy Authority in 1955, he served as a physical chemist in the General Electric Research Laboratory until 1960, when he joined the Argonne staff. His research interests are in the statistical thermodynamics of alloys, x-ray diffraction from alloys, and superfluidity of helium.

Radio Spectrum Utilization

The Joint Technical Advisory Committee, sponsored by the Institute of Electrical and Electronics Engineers and the Electronic Industries Association, has published a review volume entitled, *Radio Spectrum Utilization*. The book discusses the electromagnetic spectrum as a natural resource and gives basic conclusions and recommendations of the JTAC. The text contains a historical account of the development of the radio spectrum from the inception of wireless telegraphy and a state-of-the-art review of radio-wave propagation for various parts of the spectrum. Also reviewed is the effect of technical characteristics of transmitters, receivers, antennas, etc. The final chapter presents an analysis of frequency allocations of the radio spectrum, including long-term recommendations for use of the entire radio spectrum. In addition,

some of the problems which the world community must solve to assure continued maximum benefits from spectrum usage are discussed.

Copies may be obtained by writing to the JTAC Secretary, Mr. L. G. Cumming, 345 East 47th Street, New York, N.Y. 10017. The price is \$10 per copy.

Ellipsometry

The proceedings of a symposium entitled *Ellipsometry in the Measurement of Surfaces and Thin Films* have been published by the National Bureau of Standards. The meeting, held at NBS in Washington on Septem-



Frank E. Myers



Foster F. Rieke



Lester Guttman