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November 1 to the secretary of the Program Committee, A. K. Rapp, Philco Scientific Laboratory, Blue Bell, Pa.

Stereology

The first international congress for stereology (dealing with the three-dimensional interpretation of flat images) will be held April 18–20, 1963, in Vienna. Sponsored by the International Society for Stereology, the meeting will deal specifically with problems arising in microscopy and astronomy.

The program is expected to include papers on the history and methods of stereology, application of stereology in astronomy, quantitative stereology applied to organic substances, and stereological reconstruction in organic microscopy, as well as selected short lectures on other stereographic topics and free discussion on the theory, practice, and results of stereology.

Requests for additional information concerning the meeting should be directed to K. H. Spitzy, Viennese Academy of Medicine, Alserstrasse 4, Vienna 9, Austria.

Radar Meteorology

Washington, D. C., will be the site of the Tenth Weather Radar Conference of the American Meteorological Society, which is to be held April 22–25, 1963, under the joint sponsorship of the US Weather Bureau and the District of Columbia branch of the Society. Papers on all phases of radar meteorology are invited, especially those on new applied techniques for use in radar weather observations. Other areas of interest include synoptic and mesoscale interpretations, echo interpretations with direct application to forecasting, interpretations applicable to severe-weather warnings and hydrology, cloud and precipitation physics, clear-air echo detection, and weather-radar instrumentation.

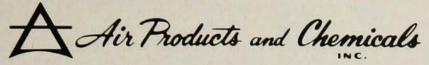
Abstracts and titles of papers must be received by Jaunary 1, and a final draft of each paper, together with illustrations suitable for direct reproduction in the *Proceedings* of the Conference, must be received by March 1. The time allowed for presentation of papers, will, in most cases, be limited to 15 minutes. All correspondence should be sent to Stuart G. Bigler, Chief, Radar Unit, US Weather Bureau, Washington 25, D. C.

Dielectric Liquids

The Electronics Group of Britain's Institute of Physics and Physical Society is arranging a conference on electronic processes in dielectric liquids to be held April 23–25, 1963, at the University of Durham. The sponsors hope to discuss the whole field of electrical conduction processes and breakdown in dielectric liquids, such as simple hydrocarbons, liquid gases (including helium), and purified insulating oils. Offers of 20-minute papers, together with three copies of 100–150-word abstracts, should be sent by November

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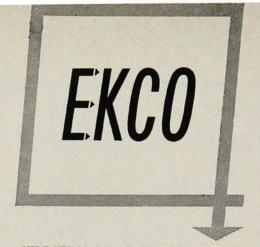
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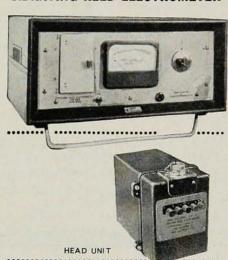
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The program is expected to cover the following topics: (1) electrical transport processes in liquids, (2) low-field conductivity and photoconductivity in dielectric liquids, (3) mobility and similar measurements, (4) static electrification in liquids, (5) high-field conductivity and electroluminescence and optical observations under high fields, and (6) possible applications in the field of electronics and in the study of insulation problems involving liquids which may be used in conjunction with solid insulation.

Further details concerning registration and accommodations will be available in January from the Administration Assistant, The Institute of Physics and The Physical Society, 47 Belgrave Square, London S.W. 1, England.

Polymers

Advances in the fundamental chemistry, physics, and technology of polymers will be reviewed during a two-day conference to be held May 1 and 2, 1963, at the headquarters of the Institution of Electrical Engineers in London. Sponsored by the British Plastics Institute, the Plastics and Polymer Group of the Society of the Chemical Industry, and the Institution of the Rubber Industry, the meeting is intended to provide an opportunity for discussion and exchange of views between polymer scientists and technologists. Among the topics to be considered are the structure of polymers (particularly in relation to physical properties and processing characteristics), melt-flow properties of polymers, and degradation and stabilization of polymers.

Inquiries should be sent to J. N. Ratcliffe, The Plastics Institute, 6 Mandeville Place, London W. 1, England.

Humidity and Moisture

The 1963 International Symposium on Humidity and Moisture—Measurement and Control in Science and Industry will be held May 20–23, 1963, at the Sheraton-Park Hotel in Washington, D. C. Sponsored jointly by the National Bureau of Standards, the US Weather Bureau, the American Meteorological Society, the Instrument Society of America, and the American Society of Heating, Refrigerating, and Air Conditioning Engineers, the meeting will deal with the measurement and control of humidity and moisture in the physical, engineering, meteorological, agricultural, and biological sciences.

Titles of papers for presentation at the meeting, together with 300-word abstracts, must be sent to Arnold Wexler, National Bureau of Standards, Washington 25, D. C., before November 1. Inquiries concerning the meeting should be sent to John W. Morgan, Johnson Service Company, Washington, D. C.

PHYSICS TODAY