

Meetings

Radio Research

URSI-IRE Spring Meeting

Some three hundred and fifty radio scientists attended this year's spring meeting of the U. S. A. National Committee of the International Scientific Radio Union (URSI), held in collaboration with the Institute of Radio Engineers' Professional Group on Antennas and Propagation at the National Bureau of Standards in Washington, D. C., April 27-30. A total of eighty-three papers was presented on topics of interest to all but one of the seven commissions of URSI. No papers concerning the work of Commission VII, Electronics, were scheduled. Considerable interest was noted in the work of commission V, Radio Astronomy, where several noteworthy advances were reported. The meeting included a combined session of the participating commissions, and additional sessions were devoted to the six specialized commissions: I, Radio Measurement Methods and Standards; II, Tropospheric Radio Propagation; III, Ionospheric Radio Propagation; IV, Terrestrial Radio Noise; V, Radio Astronomy; and VI-B, Radio Waves and Circuits.

The following officers of the National URSI Committee were elected for the two-year term, 1953-1955: chairman, A. H. Waynick, The Pennsylvania State College; vice-chairman, H. W. Wells, Carnegie Institution; and secretary, W. E. Gordon, Cornell University. The next meeting will be held later this year at Ottawa, Canada, at the invitation of, and in collaboration with, the Canadian National Committee of URSI. It is anticipated that, in addition to the Professional Group on Antennas and Propagation, other IRE professional groups will also participate.

Metal Sciences and Instrumentation

Gordon Research Conferences of AAAS

The Gordon Research Conferences, sponsored by the American Association for the Advancement of Science, are to be held this summer at Colby Junior College, New London, New Hampshire and at New Hampton School, New Hampton, New Hampshire. A conference on instrumentation will take place at Colby from July 27th to July 31st with W. A. Wildhack as chairman, the program including such topics of interest to physicists as nuclear resonance spectroscopy and geophysical measurements in the upper atmosphere. Seven papers altogether are scheduled.

From July 13th to July 17th the New Hampton School will be host to a conference on the chemistry and physics of metals. Harvey Brooks is chairman of the conference, and a day each will be devoted to band theory, crystal structure, and phases; modification of bands by aperiodic structures; transition elements; optical properties; and ferromagnetism.

Established for the purpose of stimulating research in universities, research foundations, and industrial laboratories, the Gordon Research Conferences consist of a series of informal morning and evening meetings with the afternoons available for discussions or recreation. Requests for further information should be addressed to the Director of the Conferences, W. George Parks, Department of Chemistry, University of Rhode Island, Kingston, Rhode Island.

Electronics

West Coast Meetings Next Month

Approximately eighty-five papers are expected to be presented during the Western Electronic Show and Convention (WESCON) in San Francisco August 19-21. A preliminary announcement indicates that the program will include two sessions each on antennas, propagation, electronic devices, circuits, and computers, and one session each on air-borne electronics, microwave techniques, servos and telemetering, instrumentation, transistors, and nuclear-radiation measurements. Of the evening sessions scheduled, one will be on medical electronics, another on audio, and a third on generalized topics of interest. WESCON is jointly sponsored by the Institute of Radio Engineers (7th region) and the West Coast Electronic Manufacturers Association.

Two other meetings on related subjects are scheduled to be held in the San Francisco Bay area preceding the WESCON program. One of these is an information theory symposium in Berkeley August 17-18, sponsored jointly by the University of California at Los Angeles and the Office of Naval Research. The other is a special discussion on magnetic recording apparatus and techniques under the sponsorship of the San Francisco Section of the Audio Engineering Society and for the benefit of Federal court reporters.

Oxford Conference

Upper Atmospheric Rocket Exploration

An international conference on rocket exploration in the upper atmosphere will take place in Oxford, England, from August 24th to 26th, under the sponsorship of the Gassiot Committee of the Royal Society of London. The United States is liberally represented in the provisional program, where a majority of the papers listed are from such establishments as the Air Force Cambridge Research Center, the Naval Research Laboratory, the Signal Corps Engineering Laboratories, Iowa State University, California Institute of Technology, and the University of Michigan. The conference promises to give a good review of the various programs of