

Meetings

Instrument Maintenance

ISA Preconference Clinic in September

The Instrument Society of America has announced that its fifth Instrument Maintenance Clinic will take place September 18-20, during the three days prior to the opening of the Eighth National Instrument Conference and Exhibit in Chicago, September 21-25. There will be a total of nine two-hour class sessions in the Morrison Hotel, and an evening general session is planned on principles of instrumentation and automatic control. Those planning to attend the clinic must register before September 14th with the national office of the Instrument Society, 1319 Allegheny Avenue, Pittsburgh 33, Pennsylvania.

Science of Photography

International Conference in England

The Royal Photographic Society of Great Britain is holding its Centenary International Conference on the Science and Applications of Photography in London, September 19-25. Five sessions of papers and discussion have been arranged under the following topics: photographic science, cinematography and color photography, techniques and applications of photography, photomechanical processes, and history, literature, and training in photography. Headquarters of the conference are at the Institute of Education (London University); all communications should be sent to 16 Princes Gate, London, S. W. 7, England.

URSI Meeting in Canada

Five Commissions to Participate

The U. S. National Committee of the International Scientific Radio Union (URSI) is sponsoring a fall technical meeting jointly with the Canadian National Committee of URSI and the Professional Group on Antennas and Propagation of the Institute of Radio Engineers. The meeting will be held in Ottawa, Canada, October 5-8, and will include sessions on radio measurement methods and standards (Commission 1), ionospheric radio propagation (Commission 3), terrestrial radio noise (Commission 4), radio astronomy (Commission 5), and electronics (Commission 7). Requests for further information should be directed to W. E. Gordon, secretary of the U. S. National Committee of URSI, School of Electrical Engineering, Cornell University, Ithaca, New York.

Ways of Science

4th Annual Conference

The Fourth Annual Ways of Science Conference will be held on Saturday, October 17th, at Roosevelt College in Chicago under the joint sponsorship of Roosevelt College and the Philosophy of Science Association. This year's topic will be "How is what Scientists Study Determined?" and the speakers will include Haldon A. Leedy, director of the Armour Research Foundation, and Richard P. McKeon, distinguished service professor of philosophy and Greek at the University of Chicago. Additional information can be obtained by writing to the chairman of the arrangements committee for the meeting, Morris Goran, Roosevelt College, 430 South Michigan Avenue, Chicago 5, Illinois.

Diffraction

11th Annual Pittsburgh Conference

The Eleventh Annual Pittsburgh Diffraction Conference will be held at Mellon Institute, Pittsburgh, Pennsylvania, on November 5th and 6th. Technical sessions are being arranged on instrumentation and methods, metals, recrystallization and preferred orientation, and structure of polymers. Papers on general diffraction subjects will also be accepted. Contributed papers will be considered in the order in which they are received. Titles should be submitted to the program chairman, Mr. E. E. Wicker, United States Steel Corporation, Research and Development Laboratory, 234 Atwood Street, Pittsburgh 13, Pennsylvania before September 1st. Abstracts should be submitted by September 21st. For further information, and for a copy of the preliminary program when available, write to Dr. H. R. Letner, Mellon Institute, Pittsburgh 13, Pennsylvania.

Electron Microscope Society

Annual Meeting at Pocono Manor

The eleventh annual meeting of the Electron Microscope Society of America will be held Thursday through Saturday, November 5-7 at the Pocono Manor Inn, Pocono Manor, Pennsylvania. Programs with abstracts of papers to be presented will be available October 15 from A. R. T. Denues, Program Chairman, Sloan-Kettering Institute for Cancer Research, 444 East 68 Street, New York 21, New York. Local arrangements are being handled by Kenneth S. McCarty, Veterans Administration, 130 West Kingsbridge Road, Bronx, New York.

Radio Meteorology

Conference in Texas

A conference on radio meteorology will be held at the University of Texas, Austin, Texas, from November 9 through 12 under the sponsorship of the American Meteorological Society, the Radar Weather Conference, the Professional Group on Antennas and Propagation of the Institute of Radio Engineers, and the National

Commission II on Tropospheric Radio Propagation of the International Scientific Radio Union and the Joint Commission on Radio Meteorology. A preliminary announcement has indicated that the program will include sessions on the following topics: cloud physics and precipitation mechanisms; radar rainfall determination; operational use of weather radar; tropospheric propagation and attenuation of radio signals; refractive index meteorology and climatology; thunderstorm and tornado atmospherics; fading characteristics of atmospheric and surface reflected radio signals; atmospheric turbulence and scattering; and radar analysis and meteorological structure of tropical and subtropical disturbances. Requests for additional information should be addressed to John R. Gerhardt, Conference on Radio Meteorology, Box F, University Station, Austin, Texas.

Low Temperature Physics

3rd International Conference at Rice

The Third International Conference on Low-Temperature Physics is scheduled for December 17 to 22 inclusive, at the Rice Institute. Sponsored jointly by the Commission on Very Low Temperature of the International Union of Pure and Applied Physics, the National Science Foundation, and the Rice Institute, this third such conference since the war is an indication of the extent of interest in the properties of matter near the absolute zero.

This year is of especial interest because 1953 is the 100th anniversary of the birth of the Dutch physicist, Kamerlingh Onnes, who first liquified helium and then discovered superconductivity. It is also the 100th anniversary of the birth of another distinguished Dutch physicist, H. A. Lorentz, who was not so directly active in studies at very low temperature but whose work on the electromagnetic theory and the electron theory laid the foundation for much of twentieth century physics. Plans are being made to include in the conference some recognition of the work of these two great pioneers.

The conference will be devoted in part to the properties of solids, electrical and thermal conductivity, superconductivity, and possibly mechanical properties at very low temperatures. Sessions will also be concerned with the properties of liquid helium and with nuclear alignment.

A number of European physicists have already indicated their intentions of being present. Among them are: A. H. Cooke, N. Kurti, K. Mendelssohn, and F. Simon of Oxford; J. F. Allen of St. Andrews, Scotland; K. Clusius of Zurich; A. Froehlich of Liverpool; L. C. Jackson of Bristol; C. J. Gorter, M. J. Steenland, and K. W. Taconis of Leiden; A. van Itterbeek of Louvain; W. Meissner of Munich; A. B. Pippard of Cambridge; E. H. Sondheimer of London; and P. Jacquinot of Paris.

The committee on arrangements includes W. V. Houston and C. F. Squire of the Rice Institute, J. C. Slater of MIT, R. J. Seeger of the National Science Foundation, and C. T. Lane of Yale.

POSITIONS OPEN

PHYSICS—Several vacancies at various levels in instructional staff. These positions should interest young Ph.D. seeking opportunity for advancement. Holders of M.S. also considered for some positions. Salaries appropriate to qualifications and experience. Opportunity for part-time research available to qualified appointees. Interested persons please contact H. E. Harrington, Head, Physics Department, Oklahoma A. and M. College, Stillwater, Oklahoma.

GRADUATE ASSISTANTSHIPS

Teaching Assistantships, \$1200 for 9 months, exemption out-of-state tuition. Research Assistantship, operation electron microscope, experience desirable but unnecessary, \$2100 for 12 months, exemption out-of-state tuition.

Department of Physics
University of Florida, Gainesville, Florida

COLLEGE OF ARTS & SCIENCE, BAGHDAD, IRAQ

Applications are invited for appointments as professor and assistant professor in the Department of Physics. The stipends will depend upon the rank and qualifications of appointees. (From ID 1800 to 2400 per annum plus a living allowance of ID 164 per annum and transportation for two persons. ID 1 is equivalent to £1.) Full particulars may be obtained from Dean A. A. Duri, College of Arts & Science, Baghdad, Iraq. (Send applications by air mail.)

PHYSICIST

Young Ph.D. for research group working in field of acoustics—physics of acoustical and thermal insulating materials and their application. Well-known research laboratory in eastern Pennsylvania. Write details to Box 853C, 57 East 55 St., New York 22, New York.

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