

Instrument Society of America New Technical Committee Formed

The Instrument Society of America has recently announced the establishment of new technical committees to broaden the scope of its program and to encompass a larger number of specific fields of instrument application. Supplementing the work of the older committees on instrument research and development, operation and maintenance, and instrumentation for testing and analysis, these new additions include committees on medical and biological instrumentation, meteorological instrumentation, radiation instrumentation, geophysical instrumentation, and physical properties measurement. It is planned to accept a number of contributed papers on these topics for presentation at the Seventh Annual National Instrument Conference and Exhibit to be held in Cleveland the week of September 8-12, 1952.

Need for the creation of the new committees has grown out of the increasing interaction between the specialized fields on instrumentation and the established interests of the Society dealing with instrumentation for production processes—automatic control, recording, and analysis. The inclusion of the new committees along with older well-established committees should allow for greater interchange of information regarding the basic principles of measurement and problems of instrumentation common to both industry and research. The ISA emphasizes that instrumentation is the common denominator of all the physical sciences, and invites scientists and engineers to attend and participate in the Conference and Exhibit. Information regarding programs, membership, and committees may be obtained from the National Office at 1319 Allegheny Avenue, Pittsburgh 33, Pa., or from W. A. Wildhack, Vice-President, Instrument Society of America, National Bureau of Standards, Washington 25, D. C.

AEC Fellows for 1951-52

29 Percent are Physicists

The names of 343 holders of AEC-sponsored fellowships for the current academic year were announced in December by the Oak Ridge Institute of Nuclear Studies, which administers the fellowship program. The fellowships, given for research and study on both the predoctoral and postdoctoral levels, have been awarded for work at seventy American universities and research institutions and seven others located abroad. Of a total of three hundred predoctoral fellows, eighty-seven are in physics, four in biophysics, and the remainder in chemistry, metallurgy, mathematics, geology, engineering, and the biological sciences. Nearly one-quarter of the physicists received the fellowships as extensions of awards granted for the 1950-51 academic year.

Of the eight postdoctoral fellows in physics, four will carry out their fellowship work in Europe. N. M. Hintz of the University of California at Los Angeles will study under Otto Frisch at Cambridge, E. A. Lyn-

ton of Carnegie Tech will study under C. J. Gorter at Leiden University, R. A. Ferrell of Caltech will work under Werner Heisenberg in Göttingen, and B. R. Mottelson of Purdue will study with Niels Bohr in Copenhagen.

Radioisotopes in Research

ORINS Summer Courses

Three additional courses in the techniques of using radioisotopes in research will be offered by the Special Training Division of the Oak Ridge Institute of Nuclear Studies this summer. Dates for the courses are: June 9 to July 4; July 7 to August 1; and August 11 to September 5. The courses are designed to acquaint mature research workers with the safe and efficient use of radioisotopes in research. Each course is open to 32 participants. Application blanks and additional information may be obtained from Ralph T. Overman, Chairman, Special Training Division, Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee.

GE Science Fellowship Program

Case Summer School for Physics Teachers

Outstanding teaching of high school physics in twelve states will be recognized by the awarding of fifty General Electric science fellowships at Case Institute of Technology for 1952. The all-expense fellowships will be awarded for a special six-week program for teachers June 23 to August 1. The awards are open to teachers from Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio, Western Pennsylvania, Tennessee, West Virginia, and Wisconsin. School administrators are being invited to nominate teachers from those under their supervision for the fellowship awards. The General Electric Science Fellowship Program, of which the courses at Case are a part, also includes summer courses for secondary school physics and chemistry teachers given by Union College, Schenectady, N. Y. to serve teachers in the northeastern states and summer courses for high school mathematics teachers given by Rensselaer Polytechnic Institute, Troy, N. Y.

Diffraction School

Philips to hold Spring Session

North American Philips Company, Inc. will hold its twelfth semiannual X-Ray Diffraction School in Mount Vernon, N. Y. during the week beginning April 21 through April 25. Basic subjects to be covered will include x-ray diffraction, new high and low temperature camera techniques, fluorescence analysis, Geiger counter, x-ray spectrometer, and electron microscopy and electron diffraction. The Philips Company initiated the semiannual schools in the fall of 1946 in order to acquaint scientists and industrialists with the latest diffraction techniques for x-ray analysis. Further information may be obtained by writing to the company at 750 South Fulton Avenue, Mount Vernon, N. Y.