



George E. Uhlenbeck (Michigan), president of the American Physical Society.



Francis W. Sears (Dartmouth), president of the American Association of Physics Teachers.



Victor F. Weisskopf (MIT), vice president of the APS.



Leonard O. Olsen (Case), president-elect of the AAPT.

to James G. Potter, professor of physics at the Agricultural and Mechanical College of Texas, and to William C. Kelly, director of education for the American Institute of Physics.

Officers

During the joint meeting in January of the American Physical Society and the American Association of Physics Teachers, officers were elected by both organizations. George E. Uhlenbeck, professor of theoretical physics at the University of Michigan and vice president of the Physical Society during the past year, succeeded Jesse W. Beams as APS president. Victor F. Weisskopf, professor of physics at the Massachusetts Institute of Technology, was elected vice president of the Society and Karl K. Darrow and S. L. Quimby were re-elected as secretary and as treasurer, respectively. Harvey Brooks, professor of applied physics at Harvard University, and Charles H. Townes, professor of physics at Columbia University, were elected members of the APS Council.

For the physics teachers, Francis W. Sears, professor of physics at Dartmouth College, succeeded

Clarence J. Overbeck of Northwestern University as president of the Association. Leonard O. Olsen, professor of physics at Case Institute of Technology, was named president-elect and is to assume the presidency of the AAPT next year. Frank Verbrugge and Sarnborn C. Brown will continue as AAPT secretary and treasurer, respectively. Joseph R. Dillinger of the University of Wisconsin was named to the Association's Executive Committee.

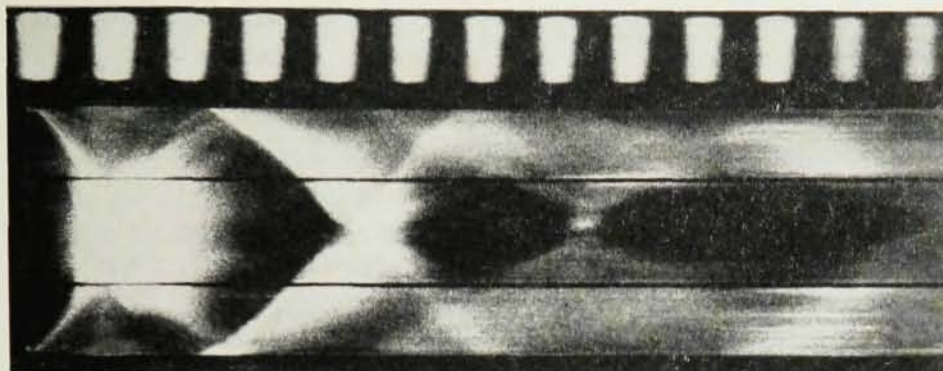
Officers to serve during the present year have been elected by the following organizations:

American Physical Society Division of Fluid Dynamics: chairman, Walter M. Elsasser (University of California at La Jolla); vice chairman, Arnold M. Kueth (University of Michigan); secretary-treasurer, Raymond J. Emrich (Department of Physics, Lehigh University, Bethlehem, Pa.); other members of the executive committee are François N. Frenkiel (Johns Hopkins University Applied Physics Laboratory), Lester Lees (California Institute of Technology), Galen B. Schubauer (National Bureau of Standards), and Peter Wegener (California Institute of Technology).

American Crystallographic Association: president, Robert E. Rundle (Iowa State College); vice president,

REPORT ON

Plasma Propulsion at Republic Aviation



Space-Time Trace: With space as ordinate and time as abscissa, photograph shows development of pinch effect in plasma, followed by shock waves. Picture was obtained with special streak camera — part of the instrumentation devised for Republic's experimental Plasma Propulsion program. Each space at top measures an interval of 10 microseconds.



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Jurg Waser (California Institute of Technology); last past president, Dan McLachlan (Stanford Research Institute); treasurer through 1961, Thomas C. Furnas, Jr. (Picker X-Ray Corp.); secretary through 1960, Leroy E. Alexander (Mellon Institute, Pittsburgh, Pa.).

Physics Club of Lehigh Valley: president, L. J. Reimert (New Jersey Zinc Co. of Pa.); vice president, J. P. Copes (General Aniline & Film Corp.); secretary-treasurer, A. E. Blakeslee (Bell Telephone Laboratories, 555 Union Blvd., Allentown, Pa.).

Summer Programs

The National Science Foundation has awarded grants totalling approximately \$800 000 to 54 educational institutions for the purpose of conducting programs in research participation for teacher training during the summer of 1959. The programs will be open to science and mathematics teachers from secondary schools and from junior colleges and small colleges lacking appropriate research facilities. The purpose of the programs, which will vary in length from six to twelve weeks, is to acquaint the teachers with the nature and methods of research by direct participation in the laboratories or in field research programs and through special seminars and lectures. Participating teachers will be selected by the individual institutions and will receive stipends (up to \$75 per week) plus allowances for travel and dependents. Twenty-six of these programs are open to physics teachers and inquiries and applications should be addressed to the program directors listed below. Early inquiry is advised, as many teachers will be appointed in the latter part of this month.

For both High-School and College Teachers:

Southern California, University of, Los Angeles, Calif. (Norman Kharasch, Dept. of Chemistry)
Colorado, University of, Boulder, Colo. (Bert M. Tolbert, Dept. of Chemistry)
Denver, University of, Denver, Colo. (Clarence M. Knudson, College of Engineering)
Florida State University, Tallahassee, Fla. (Leland Shanor, Dept. of Biological Sciences)
Indiana University, Bloomington, Ind. (Paul Klinge, Coordinator for School Science)
Kansas State College, Manhattan, Kan. (Thomas D. O'Brien, Director of Academic Research)
Louisiana State University, Baton Rouge, La. (John F. Christman, Dept. of Biochemistry)
Rochester, University of, Rochester, N. Y. (W. A. Fullagar, College of Education)
North Carolina State College, Raleigh, N. C. (Homer C. Folks, Dept. of Agronomy)
Oklahoma, University of, Norman, Okla. (Horace H. Bliss, Oklahoma Science Service)
South Carolina, University of, Columbia, S. C. (H. W. Davis, Dept. of Chemistry)
South Dakota, State University of, Vermillion, S. D. (George P. Scott, Dept. of Chemistry)
Texas, University of, Austin, Tex. (Addison E. Lee, Dept. of Botany)