

MEETINGS

APS—New England Section

AMHERST College's physics department will act as host to the fall meeting of the American Physical Society's New England Section, to be held at the college on October 21. The morning will be devoted to contributed papers and the entire afternoon will be occupied by the second in a series of "tutorial" sessions offering closely related papers on a selected topic. Last year's subject was molecular-beam research; this year, selected aspects of physical oceanography will be discussed. Chaired by Arnold Arons of Amherst, the session (under the general title, An Introduction to Some Basic Problems of Large-Scale Oceanic Circulation: Observational Knowledge and Theoretical Models) will consist of three 30-minute papers read by authorities in the field. H. M. Stommel of Harvard University will discuss patterns of density structure and water movement in the ocean, G. Veronis of the Woods Hole Oceanographic Institution will speak on large-scale features of wind-driven oceanic circulation, and A. R. Robinson of Harvard will consider thermal circulation and the problem of the oceanic thermocline.

All correspondence concerning the meeting should be sent to Gerald Holton, Department of Physics, Harvard University, Cambridge 38, Mass.

Philosophy of Science

A SERIES of interdisciplinary meetings has been scheduled for the 1961-62 academic year by the Boston Colloquium for the Philosophy of Science. Natural and social scientists, philosophers, and mathematicians teaching in colleges and universities in the Boston area initiated the Colloquium in 1960 to foster creative and regular exchange of research and opinion, to provide a forum for professional discussion of papers and works-in-progress, and to stimulate the development of academic programs in the philosophy of science. Four meetings held in the Spring of 1961 were supported by a grant from the Boston University Graduate School. The current program is being supported by a National Science Foundation grant administered by Boston University. The following meetings are included in the program:

October 26, 1961—*Minds and Machines*: Norbert Wiener, Mathematics, MIT; S. Watanabe, IBM Research Center.

November 30, 1961—*Language and the Formation of Concepts*: E. H. Lenneberg, Harvard University; Commentator, Roger Brown, MIT.

December 14, 1961—*On the Conceptual Structure of Physics*: Laszlo Tisza, Physics, MIT.

February 8, 1962—*Modal Logics I—Foundations*: Ruth Barcan Marcus, Philosophy, Roosevelt University; Commentator, W. V. Quine, Philosophy, Harvard University.

March 1, 1962—*Modal Logics II—The Formal Analysis of Cultural Objects*: Alan Ross Anderson, Philosophy, Yale University; O. K. Moore, Sociology, Yale University.

March 22, 1962—*Interpretations of Quantum Theory*: Ralph Schiller, Theoretical Physics, Stevens Institute of Technology; Armand Siegel, Theoretical Physics, Boston University; Commentator, Abner Shimony, Theoretical Physics, Boston University and MIT.

April 26, 1962—*The Falsifiability of Theories: Total or Partial? A Contemporary Evaluation of Duhem's Hypothesis*: Adolph Grunbaum, Philosophy of Science, Pittsburgh University; Commentator, R. S. Cohen, Physics, Boston University.

May 10, 1962—*Perception: Language and Perceptual Schemes*: Noam Chomsky, Linguistics, MIT; Sidney Morgenbesser, Philosophy, Columbia University.

For further information on the Colloquium, write to Professor M. W. Wartofsky, care of the Department of Philosophy, Boston University, Boston 15, Mass.

Materials Research

WATERVLIET Arsenal and Rensselaer Polytechnic Institute, with the cooperation of the Advanced Projects Research Agency, the Atomic Energy Commission, the National Aeronautics and Space Administration, and the US Army, will sponsor a technical conference covering recent research in materials science on December 18 and 19 at RPI. The status of the materials-research program supported by most of the cooperating federal agencies will be summarized and reviewed, and original research in the areas of solid-state physics, physical metallurgy, and the physiochemical properties of materials will be discussed. For further information, write to Public Information Services, Rensselaer Polytechnic Institute, Troy, N. Y.

Vacuum Science

CONTINUOUSLY exhausted bakeable vacuum apparatus for pressures below 10^{-9} mm of mercury and the controlled deposition of evaporated film are the topics to be discussed at a one-day symposium on vacuum science and technology sponsored by Britain's Institute of Physics and Physical Society at Imperial College of Science and Technology in London on January 5. More detailed information and application forms can be obtained from the Administration Assistant, The Institute of Physics and the Physical Society, 47 Belgrave Square, London, S. W. 1.

Meteorology

TWO meetings have been scheduled for the early part of 1962 by the American Meteorological Society: the Annual Meeting in New York City, January