MEETINGS

Ultrasound

The electrical and electronics engineers will present a tutorial session on present capabilities in sonics and ultrasonics at New York City's Coliseum, on March 23, during the 1965 IEEE convention.

The first of the six papers to be read at the session will deal with the measurement of physical quantities by ultrasonic methods; the remaining papers will cover applications of sonics and ultrasonics in nondestructive testing, sonar, communications, industrial high-powered devices, and medicine.

Inquiries regarding the meeting should be directed to Emmanuel P. Papadakis, G-SU Session Organizer, Bell Telephone Laboratories, Inc., 555 Union Boulevard, Allentown, Pa.

Thermophysics

The Heat Transfer Division of the American Society of Mechanical Engineers will hold its third triennial symposium on thermophysical properties at Purdue University from March 22 to 25. The preliminary program lists sessions on thermodynamic and transport properties, including both theory and experiment.

Further information can be obtained from Serge Gratch, Chairman, Committee K-7, Heat Transfer Division, PO Box 2053, Dearborn, Mich.

Philosophy of physics

The University of Delaware has chosen "The Foundations of Physics" as the topic for its fourth Delaware Seminar in the Philosophy of Science. Some of the lectures have already been given, but those that remain are listed below:

Foundations of Probability Theory and Statistical Mechanics, E. T. Jaynes, March 9.

Relations of Statistical Mechanics to Thermodynamics, Harold Grad, March 16.

Foundations of Classical Electrodynamics, E. J. Post, March 23.

Foundation Problems in General Relativity, Peter Havas, March 30.

Relations of Quantum to Classical Physics, Ralph Schiller, April 13.

Objectivity of Quantum Mechanics, Henry Margenau, April 20.

Measurement in Relativistic Quantum Theory, Yakir Aharonov, April 27.

Scope and Limits of Axiomatics, Paul Bernays, May 4.

Fluid and plasma dynamics

The American Mathematical Society is holding a symposium on magnetofluid and plasma dynamics during its 622nd meeting in New York City. The symposium, which takes place April 13 to 15, will deal with plasma equations, stability, propagation of waves and shocks, and macroscopic flows.

Invitations may be requested from Harold Grad, Institute of Mathematical Sciences, New York University, New York, N.Y.

Satellites

The Goddard Space Flight Center and the Planetary Sciences Section of the American Geophysical Union will hold four sessions on April 20 and 21 on recent results from scientific experiments carried on satellites. To be held during the 46th annual AGU meeting in Washington, D.C., the meeting will present results obtained from the Orbiting Geophysical Observatory, the Ionosphere Explorer IE-A, and the Interplanetary Monitoring Platform. The sessions will cover fields and plasmas, energetic particles, ionosphere and radio physics, and the upper atmosphere.

Preregistration is necessary. Correspondence should be addressed to the American Geophysical Union, 1145 Fifteenth Street, NW, Washington, D.C.

Advances in physics

The Physics Club of Pennsylvania, meeting as the Eastern Pennsylvania Section of the American Association of Physics Teachers, will sponsor an