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ested in heat and charge flow in solids and in the exploration of possible new approaches to the solution of problems involving transport phenomena. The program will consist of both contributed and invited papers (200-word abstracts of 10-minute papers will be accepted until July 1), and considerable time will be devoted to informal discussion.

For further information, write to Robert G. Morris, Physics Department, South Dakota School of Mines and Technology, Rapid City, S. D.

Properties of Materials

Physics and Nondestructive Testing, a symposium emphasizing the fundamental physical basis of methods for nondestructive evaluation of the properties of materials, will be held October 2-4 in San Antonio, Texas, with the Southwest Research Institute as host. The program, consisting of both invited and contributed papers, will deal with such topics as ultrasonic transducers, ultrasonic propagation in rods and wires, ultrasonic imaging, neutron radiography, scintillation spectroscopy, absorption-edge spectroscopy, the Hall effect, and properties of materials.

All correspondence should be sent to Dr. Warren J. McGonnagle, Assistant Director, Department of Electronics and Electrical Engineering, Southwest Research Institute, 8500 Culebra Road, San Antonio 6, Tex.

Vacuum Technology

The American Vacuum Society will present its Ninth National Symposium on Vacuum Technology from October 31 to November 3 at the Statler Hilton Hotel in Los Angeles, Calif. The program committee has issued a call for papers reporting new and original work in vacuum technology. July 1 is the deadline for abstracts, which must be submitted on an official form; final manuscripts are due by September 15.

Inquiries and requests for the necessary forms and for instructions concerning the preparation of abstracts should be directed to the chairman of the program committee, G. H. Bancroft, Consolidated Vacuum Corporation, 1775 Mt. Read Boulevard, Rochester 3, N. Y.

Microwave Ultrasonics

The Institute of Radio Engineers' Professional Group on Ultrasonic Engineering will hold an Ultrasonics Symposium at Columbia University, November 28-30. Contributed papers, for which 200-word abstracts in triplicate are due before August 13, are sought on any of the various specialties of the field. Particular emphasis will be placed on microwave ultrasonics and a program of invited papers has been planned to give comprehensive coverage of this topic.

Abstracts and inquiries regarding the meeting should be directed to Dr. R. N. Thurston, Bell Telephone Laboratories, Murray Hill, N. J.