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- Microwave Tube Technology

Requirements: Advanced degree (Ph.D. preferred), experience in the field of linear accelerators and U.S. Citizenship.

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cate, accompanied by titles, and must be sufficiently detailed (200 words or more) to describe the material to be reported.

The desirability of a session on nonmetallic materials, particularly on their structure and transformation properties, has been suggested by B. L. Newkirk of Cornell University. Anyone interested in contributing to such a session should write to Dr. Newkirk and should forward a copy of the letter to Dr. William Mueller, Denver Research Institute, University of Denver, Denver 10, Colo. All abstracts and correspondence regarding the conference should be sent to Dr. Mueller.

Plasma Diagnostics

The fifth biennial gas-dynamics symposium, which convenes August 14-16 at Northwestern University, will center on physico-chemical diagnostics of plasmas. The scope of the program has been defined in the following list of subjects to be included: (1) plasma and magnetohydrodynamic flows, (2) plasma physics, (3) electromagnetic-wave interactions, (4) probe studies, (5) radiation measurements, (6) spectroscopy, (7) waves, (8) oscillations and instabilities, (9) beam devices, (10) optical interferometry, (11) thermodynamic and transport properties, (12) laboratory apparatus, and (13) energy-conversion devices.

Inquiries should be directed to the Gas Dynamics Symposium, Gas Dynamics Laboratory, Northwestern University, Technological Institute, Evanston, Ill.

Atmospheric Entry

Phenomena associated with high-velocity entry into planetary atmospheres will be considered at a conference sponsored by the American Rocket Society and the Massachusetts Institute of Technology which is to be held August 26-28 at MIT. Emphasis will be placed on the physics of entry into planetary atmospheres, rather than facilities or design problems, and both theoretical and experimental contributions are solicited. The sessions of the meeting are tentatively entitled (1) Physics of High-Temperature Gases, (2) Gas-Surface Interaction, (3) Hypersonic Flow, (4) High-Temperature Gas Flow, and (5) Early Entry Phenomena.

Abstracts of contributions (two or three pages) should be sent in duplicate by May 15 to Professor Ronald F. Probstein, Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. Requests for additional information about the conference should be directed to the American Rocket Society, 500 Fifth Avenue, New York 36, N. Y.

High Temperatures

Stanford Research Institute is organizing an international symposium on high-temperature technology, which is to be held September 8-11 under the patronage of the International Union of Pure and Applied Chemistry. The meeting will take place in Asilomar, Calif.,

PHYSICS TODAY