

POSITIONS OPEN

ASTROPHYSICISTS

Melpar has an immediate opening for an astrophysicist experienced in the study of matter and radiation in space. Assignment will include heading up an existing program investigating cometary materials and their interaction in space or a simulated space environment, as well as originating new programs in Astrophysics.

An advanced degree in Physics-Astrophysics or Astronomy required.

For further details, send resume to:
JOHN A. HAVERFIELD, Manager—Professional Placement

MELPAR INC

A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY
3372 Arlington Blvd., Falls Church, Virginia
(a suburb of Washington, D. C.)
an equal opportunity employer

PHYSICISTS—Ph.D

Fee Paid to \$21,000

Electro-magnetics, infra-red, solid state, theoretical

Mail 3 resumes

Harper Associates Agency

180 Bway, NY 38, NY
1000 Franklin, Garden City, NY

CIVIL SERVICE CAREERS

with the

Bureau of Mines

U. S. Department of the Interior

College Park Metallurgy Research Center, College Park, Maryland, needs Physicists or Physical Chemists with B.S., M.S., or Ph.D. degrees to provide electron probe X-ray spectrographic analyses for a wide variety of research projects in metallurgy, mineralogy, and ceramics; to develop and evaluate X-ray spectrographic methods for determining trace impurities in high purity metals and X-ray spectroscopic techniques for determining electronic solid state properties. These positions offer excellent opportunities for professional advancement and the use of the most modern equipment and laboratory facilities. Publication of research is encouraged. Salaries range from \$6,650 to \$9,475 per annum depending upon qualifications. Ample opportunity exists for graduate training at several nearby universities. Send resume of education and experience to Dr. William J. Campbell, Bureau of Mines, College Park, Maryland.

and will be concerned with recent developments in high-temperature measurements and devices, physics and chemistry of materials at high temperatures, recent materials developments, and materials systems at high temperatures.

Requests for further details should be sent to Dept. 493, Stanford Research Institute, Menlo Park, Calif.

Optics and Thin Films

Research on the relationship between the optical properties and the structure of thin dielectric and metallic layers will be discussed at a colloquium scheduled to meet September 8-15 in Marseilles. The program is expected to cover the theory of solid thin layers, their preparation, their structure and optical properties, and their optical applications. Both invited lectures and 15-minute contributed communications in French, English, or German will be included.

Titles and two-page summaries of papers, as well as requests to attend the Colloquium on the Optics of Solid Thin Layers, will be considered by Professor P. Rouard, Faculté des Sciences, place Victor-Hugo, Marseilles 3, France, until April 15.

Natural and Artificial Plasmas

Britain's Institute of Physics and Physical Society has announced plans for a conference on plasma physics to be held September 24-27 at the Culham Laboratory of the UK Atomic Energy Authority. The program will consist of sessions on high-temperature plasmas, including containment devices, plasma stability, turbulence and diffusion, and diagnostics; low-temperature plasmas, including enhanced diffusion, plasma and shock waves, plasma devices, and magnetohydrodynamics of real fluids; and natural plasmas, including the ionosphere, astrophysics (stellar and intergalactic plasmas), and diagnostics.

April 30 has been set as the deadline for 300-word abstracts of short communications, which should be sent to P. L. Flowerday, Conference Technical Secretary, The Culham Laboratory, Culham, Abingdon, Berks, England. Additional information and the required application forms for those wishing to attend will be available after June 1 from the Administration Assistant, Institute of Physics and Physical Society, 47 Belgrave Square, London, S.W.1, England.

Plasma Physics

The fifth annual meeting of the American Physical Society's Division of Plasma Physics will be held November 6-9 at the El Cortez Hotel in San Diego, under the local chairmanship of Albert Simon. The General Atomic Division of General Dynamics Corporation will be host for the meeting. Abstracts (deadline September 1) and preliminary inquiries should be sent to Dr. Simon, c/o General Atomic, PO Box 608, San Diego 12, Calif.