

DIRECTOR OF PHYSICS

\$25,000 to \$30,000

Small, highly regarded, and expanding Eastern Contract Research firm seeks Ph.D. to head up established group of 50 scientists and research aides. Work involves: Plasma & Upper Atmosphere Physics, Gamma-ray scattering and shielding problems, Physical Optics and Laser Research, High Energy Discharge Systems, Hyper-velocity experiments. Approaches include both experimental and analytical/theoretical.

Responsibilities are as follows: 1. Provide day-to-day technical direction to the various programs in the group. 2. Perform a "Quality Control" function on the technical output of the group. 3. Take an active part in developing new areas of research work through personal participation in marketing, including briefings to sponsors and the preparation and presentation of proposals. 4. Provide administrative direction and coordination for the various programs in the group, including manpower planning, budgeting and contractual matters, proposal and report preparation, etc. 5. Assume an important role in the overall management and policy development of the company.

Position reports only to the President.

Requirements are: 1. Ph.D. Physics degree from a well-known school. 2. Several years of fruitful physics research in one or more of the above fields. 3. Experience in industry on CPFF contracts. 4. Candidate selected must have a reputation in his fields, publications, and be active in professional societies and preferably, government panels. 5. Must be the kind of individual who can provide personal, dynamic leadership to a group of highly competent scientists. Must be a "Generalist" rather than a disciplinary specialist, with appreciation and understanding of the science/business interface. Starting salary to \$30,000 plus many attractive fringes.

If you qualify for this position and would like to learn more about it in complete confidence and without obligation, but do not have a prepared resume, simply forward your business card with your home address and phone number to:

Eugene B. Shea, President



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ries held since 1958, with slightly different names, under the auspices of the Radio Standards Laboratory of the National Bureau of Standards, the Instrumentation Division of the Institute of Electrical and Electronics Engineers, and the IEEE Professional Technical Group on Instrumentation and Measurement. The 1964 conference will also be sponsored by the United States Commission I, Radio Measurement Methods and Standards, of the International Scientific Radio Union.

The purpose of the conference is to advance the accuracy of measurement throughout the coherent-frequency spectrum, and to reduce the time lag between the discoveries of the research physicist and their application in the field of precision measurement by standards personnel. Its scope will range from low-frequency, high-frequency, and microwave measurement techniques to physical studies with potential measurement application or those which may require new measurement standards.

Inquiries are referred to the Office of Technical Information, National Bureau of Standards, Washington 25, D. C.

Hypersonic Flow

Cornell Aeronautical Laboratory will sponsor an international symposium on fundamental phenomena in hypersonic flow during Cornell's centennial celebration next summer. The meeting will be held in Buffalo, N. Y., on June 25 and 26, emphasizing those areas of the topic which are particularly related to re-entry conditions. Subjects will include inviscid hypersonic flow, viscous and low-density phenomena, high-temperature physical and chemical phenomena, and separated flow phenomena.

Additional information can be obtained from J. T. McCarthy, Head of Public Relations, Cornell Aeronautical Laboratory, Inc., PO Box 235, Buffalo, N. Y.

Magnetism

The British Institute of Physics and Physical Society is arranging an international conference on magnetism to be held September 7-11, 1964, at the University of Nottingham. The conference is being organized under the auspices of the International Union of Pure and Applied Physics and the British National Committee for Physics of the Royal Society.

Sessions have been scheduled on theories of magnetism, crystal field effects, mutual interaction between magnetic carriers (ferromagnetic and antiferromagnetic), metals and alloys, magnetic resonance and relaxation processes, domain structure and magnetization processes, and magnetic applications of neutron diffraction.

Further information can be obtained from the Deputy Secretary, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, S.W.1, England.