



PROFILE OF A CNA PROFESSIONAL

A CNA analyst is a professional of superior competence. He may be a mathematician, a physical scientist, an economist, or a research engineer.

He is a member of the Center for Naval Analyses of The Franklin Institute. CNA is a private scientific organization engaged in operations research, systems evaluation, and broad-based studies for the United States Navy.

CNA professionals work on current operational problems with the Operations Evaluation Group; on problems of cost effectiveness and force requirements of the mid-range future with the Naval Warfare Analysis Group; on studies of naval problems of the long-range future with the Institute of Naval Studies; or on parametric studies or development of new methodologies in CNA's Research Group.

The CNA analyst has unusual analytical ability. His imagination is tempered by reality. He is capable of independent effort, but is amenable to inter-disciplinary research. He wants to apply his talents and knowledge to the nation's security.

A few CNA staff appointments are available. For additional information, write:

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MEETINGS

Belfer Graduate School

The third annual science conference of Yeshiva University's Belfer Graduate School of Science will take place on November 16 and 17, 1964, at the Hotel Astor in New York City.

The speakers for the physics sessions, which will be held on the 16th, will be W. A. Fowler, P. A. M. Dirac, C. H. Townes, and R. Serber, under the chairmanship of R. R. Wilson and S. Treiman. The mathematics sessions will be held the following day, chaired by R. L. Wilder and D. Montgomery, with lectures by N. Jacobson, H. Chandra, L. Nirenberg, and I. M. Singer. Admission is free and all sessions are open to the public.

Further information can be obtained from Dean A. Gelbart, Belfer Graduate School of Science, Yeshiva University, Amsterdam Avenue and 186th Street, New York 33, N.Y.

Fluid Dynamics

The American Physical Society's Division of Fluid Dynamics will meet November 23 to 25, 1964, at the California Institute of Technology. The meeting will cover various aspects of the physics of fluids, including hydrodynamics, dynamics of compressible fluids, equilibrium and nonequilibrium statistical mechanics, shock and detonation waves, rarefied gases, flows of suspended particles, hypersonic physics, magnetofluid dynamics, ionized-fluid and plasma flow, plastic flow, boundary-layer and turbulence phenomena, and geophysical and medical fluid dynamics. Special emphasis will be placed on turbulence structure, nonlinear waves, interaction of radiation with flows, geophysical circulations, and new experimental techniques in fluid dynamics. Two-hundred-word abstracts of contributed papers, prepared in accordance with the rules printed in any recent APS *Bulletin*, should be sent by October 16, 1964, to Dr. Julian D. Cole, Graduate Aeronautical Laboratories, California Institute of Technology, Pasadena, Calif. Room reservations are to

be made directly to the Huntington-Sheraton Hotel in Pasadena, specifically mentioning the Division's meeting.

Further information can be obtained from Prof. Raymond J. Emrich, Department of Physics, Lehigh University, Bethlehem, Pa.

IPPS

The British Institute of Physics and the Physical Society has announced the details of a meeting it will hold from January 5 to 8, 1965, on solid-state physics at the H. H. Wills Physics Laboratory at the University of Bristol. Contributions on any current topic of solid-state physics will be considered, and, in addition, there will be the following invited lectures: (1) the international conference on the physics of semiconductors held in Paris in the summer of 1964, (2) the crystallinity of high polymers in the light of recent advances, (3) the band structure of the transition metals and its effect on their physical properties, and (4) zeroth order model of a metal. Two-hundred word abstracts, in triplicate, should be sent by November 20, 1964, to Dr. D. A. Greenwood, H. H. Wills Physics Laboratory, Royal Fort, Bristol, 8, England.

Additional information and the necessary abstract and registration forms can be obtained from the Administration Assistant, The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW 1, England.

Accelerators

The Nuclear Science Group of the Institute of Electrical and Electronics Engineers, the National Bureau of Standards, the American Institute of Physics, the American Physical Society, the National Aeronautics and Space Agency, and the Atomic Energy Commission will sponsor a national conference on particle accelerators in Washington, D.C., from March