

CHALLENGING OPPORTUNITIES IN RESEARCH

APPLIED PHYSICISTS

Design of transducers, fundamental problems in underwater acoustics involving transmission, attenuation, reflection. Problems in sound control and noise reduction. Acoustical aspects of systems research.

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SEND RESUME TO:
ARNOLD ADDISON,
PERSONNEL DIRECTOR

Magneto- hydrodynamics

Physicist with Ph.D. or equivalent training to initiate and implement contract-research programs in advanced areas such as plasma and ion propulsion, and power generation in space. Requires strong theoretical background in magneto hydrodynamics and particle physics. Technically challenging position in a new area with a firm already established in the fields of solid propellant research and development, and combustion research.

Please send detailed resume of experience, academic training, professional references, age, salary requirements to Mr. C. H. Weissenstein, Director, Technical Personnel Recruitment.

ATLANTIC RESEARCH CORPORATION Alexandria, Virginia

In the Washington, D.C. Metropolitan area

Meetings

AAPT Northern California Section

THE annual meeting of the Northern California Section of the American Association of Physics Teachers was held on April 26, at the Radiation Laboratory of the University of California at Berkeley. This meeting was attended by one hundred and thirty physicists from California and Nevada, a rather remarkable increase over the first (organizational) meeting of this group only two years ago when thirty persons were present.

The day was highlighted by two invited papers. The first was entitled "Old Principles and New Particles" and was presented by Emilio Segrè of the Radiation Laboratory. The second, given by Luis Alvarez, also of the Radiation Laboratory, concerned "Bubble Chambers". At noon a luncheon was held in the cafeteria on the grounds and the business meeting followed the luncheon. During the business meeting, the following new officers were elected for the coming year: president, Burr G. Burbank (San Francisco State College); vice president, S. W. Leifson (University of Nevada); secretary-treasurer, E. Lance Rogers (University of San Francisco). George Barnes (University of Nevada) was elected as National Council Representative for a three-year term. The next meeting, the first of the coming school year, is to be held on October 25 at the University of Nevada in Reno. The second will be during the Christmas vacation with the exact time and place to be announced at a later date.

The program was concluded with a guided tour of the facilities of the Radiation Laboratory.

George Barnes

Calorimetry

FOLLOWING the precedent set in earlier years, the 13th Annual Calorimetry Conference will concern itself primarily with experimental investigations of systems in which energy transformations occur. This year's conference is to be held September 4 and 5 at the Argonne National Laboratory and September 6 at the University of Chicago. Topics to be considered will include specific heat determinations from very low to high temperature ranges, stored energy of solids, microcalorimetry, precision bomb calorimetry, magnetic effects, and thermal measurements. In addition, the conference will continue to concern itself with such subjects as temperature measurements and scales, standard calorimetric samples, instrumentation, and publication of thermodynamic data.

For additional information, contact either the confer-