

OPTICS ENGINEERS AND SCIENTISTS

**RCA'S EXPANDING MISSILE TEST PROGRAM
ON FLORIDA'S CENTRAL EAST COAST
OFFERS THESE IMMEDIATE OPENINGS**

OPTO-MECHANICAL ENGINEERS—Graduate Engineers with experience in Optical Instrumentation Systems Analysis. Determination of the systematic and variable error in optical instruments, such as motion picture cameras, photo-theodolites and tracking telescopes.

MECHANICAL ENGINEERS—Tracking and fixed camera engineering. Mechanical engineering on intricate camera mechanisms and mounts. Knowledge of the application and use of lenses, photography and electrical circuitry desirable.

PHYSICISTS-OPTICAL—Graduate Optical Physicists to supervise applied research in the field of optics, physics and photography. Engineering activities pertain to precision fixed and tracking optics instrumentation systems.

Send resume of education and experience to:

Mr. John R. Weld, Employment Manager
Dept. N-1D, Radio Corporation of America
30 Rockefeller Plaza
New York 20, New York



RADIO CORPORATION OF AMERICA

PHYSICISTS

The APPLIED PHYSICS LABORATORY OF THE JOHNS HOPKINS UNIVERSITY offers an exceptional opportunity for professional advancement in a well-established laboratory with a reputation for the encouragement of individual responsibility and self-direction. Our program of

GUIDED MISSILE RESEARCH AND DEVELOPMENT

provides such an opportunity for men qualified in:

TRANSISTOR CIRCUIT DESIGN

MICROWAVE NOISE STUDIES

**ELECTRONIC DESIGN AND ANALYSIS OF
CONTROL SYSTEMS**

**RESEARCH IN FLUID DYNAMICS AND IN SOLID
STATE PHYSICS**

MISSILE SYSTEMS DEVELOPMENT

FLIGHT TESTING

Please send your resume to
PROFESSIONAL STAFF APPOINTMENTS

APPLIED PHYSICS LABORATORY THE JOHNS HOPKINS UNIVERSITY

8621 Georgia Avenue
Silver Spring, Maryland

Meetings

Network Synthesis

An international symposium on modern network synthesis, which forms a part of the program commemorating the 100th anniversary of the Polytechnic Institute of Brooklyn, will be held April 13-15 at the Engineering Societies Building, 33 West 39th Street, New York City. Advances in the synthesis of passive networks in frequency and time domains and new developments in active and nonreciprocal circuits will be covered in the symposium, which is organized by the PIB Microwave Research Institute with the cooperation of the Professional Group on Circuit Theory of the IRE and the cosponsorship of the Office of Naval Research, the Air Force Office of Scientific Research, and the Signal Corps. Correspondence should be addressed to Polytechnic Institute of Brooklyn, Microwave Research Institute, 55 Johnson Street, Brooklyn 1, New York.

Radio Engineering

Sessions on semiconductors, measuring techniques and equipment, missile design, telemetering problems, and other topics will be included in the Institute of Radio Engineers 7th region technical conference and trade show to be held April 27-29 at the Hotel Westward Ho in Phoenix, Arizona. The Phoenix Section of IRE will be the host. The conference chairman is A. M. Creighton, Motorola Inc., 3102 North 56th Street, Phoenix, Arizona.

Theoretical Physics Colloquium

The Division of Physics of the National Research Council of Canada, Ottawa, will hold a Colloquium on Theoretical Physics in honor of Professor P. A. M. Dirac from June 9th to 21st. The program will consist of lectures by invited speakers reviewing chosen research problems and of contributed papers on current research topics. The following is a list of the invited speakers with the number of lectures indicated in parentheses: H. A. Bethe, scattering and photoproduction of π mesons (2); G. Breit, nucleon-nucleon scattering (2); S. Chandrasekhar, problems of stability in hydrodynamics and hydromagnetics (2); and turbulence in hydrodynamics and hydromagnetics (2); P. A. M. Dirac, quantum electrodynamics (4); J. R. Oppenheimer, the description of primordial matter (2); A. Pais, fundamental particle problems (3); G. M. Volkoff, Overhauser effect and its suggested application to