

Research Opportunities

at the focal point
of advanced scientific
and technical thinking
for the entire

GENERAL TELEPHONE & ELECTRONICS CORPORATION

At General Telephone & Electronics Laboratories, situated in a 20 acre campus-like setting on Long Island's North Shore, a high-level, interdisciplinary group of scientists pursues theoretical & applied investigations into materials, phenomena, devices & techniques of far-ranging importance.

Inquiries are cordially invited from Physicists, Chemists and Electrical Engineers with eminent qualifications and interest in any of our current investigatory areas, as listed below:

ELECTRONIC MATERIALS

non-linear materials, quantum electronics, luminescent materials and inorganic chemistry, metal physics.

FILM ELECTRONICS

thin film materials and devices and electroluminescent display devices.

THEORETICAL STUDIES

new solid state phenomena and the properties of new electronic materials to produce improved solid state components.

MEMORY DEVICES

new types of memory devices for application to information processing.

MATERIALS ANALYSIS

research on analytical techniques; Laboratories and Company-wide analytical support.

INFORMATION PROCESSING

analog, digital and broadband techniques; integrated circuits.

ELECTRONIC DEVICES

solid state millimeter wave length, optical devices, new devices.

ENERGY STORAGE & CONVERSION

electrochemical investigations for battery and fuel cell power sources.

Advanced degrees are required. Replies will be treated in strict confidence. Please direct inquiries to Mr. Floyd J. Loyer, Jr.

GENERAL TELEPHONE & ELECTRONICS LABORATORIES

SUBSIDIARY OF

GENERAL TELEPHONE & ELECTRONICS **GT&E**

208-20 Willets Point Blvd., Bayside, New York 11360 An Equal Opportunity Employer

ATTENDING APS MEETING?

A representative of GT&E Labs will be present to interview interested applicants attending the Joint Meeting of American Physical Society and American Association of Physics Teachers, New York City, January 27-30, 1965.

Plasmas

The International Union of Pure and Applied Chemistry has announced that it is planning a conference on the properties and uses of plasmas, to be held July 19 to 21 in Moscow. For the purposes of this conference a plasma is defined as having greater than one percent ionization, or, alternatively, a temperature no less than 2500°K. Very broadly, the conference will be divided into sessions dealing with the physics and chemistry of plasmas and with their potential uses.

The final registration date is March 31. All correspondence should be sent to Professor E. S. Starkman, College of Engineering, University of California, Berkeley 4, Calif.

High pressures

An international conference on the effects of high pressures will take place at Le Creusot, Saône-et-Loire, France, from August 2 to 6. The program will cover (1) effects of pressure on the mechanical and metallurgical properties of materials, (2) properties of fluids and molecular interactions under pressure, (3) kinetics of chemical reactions under pressure, (4) the solid state at very high pressure, and (5) biology under pressure and oceanography at great depths.

Application forms and additional information concerning the meeting can be obtained from Professor B. Vodar, Centre National de la Recherche Scientifique, Laboratoires de Bellevue, Seine-et-Oise, France.

Rare earths

Iowa State University's Institute for Atomic Research and the Directorate of Chemical Sciences of the Air Force Office of Scientific Research will hold the fifth rare-earth research conference at Iowa State from August 30 to September 1. The meeting will be devoted to the ceramics, chemistry, metallurgy, and physics of the rare-earth elements, their compounds, and their alloys. Requests for further information should be addressed to Dr. Sam Legvold, Department of Physics, Iowa State University, Ames, Iowa.