

## SCIENTISTS and ENGINEERS

Dynamic new subsidiary of **Ford Motor Company** is now in initial stages of expanding military and commercial programs.

Positions are at ASI's interim Glendale facility and will also be at ASI's new Research Center now under construction at Newport Beach in Southern California. Work in an intellectual environment as stimulating as the locations are ideal—close to most of Southern California's cultural, educational, and recreational centers.

Outstanding growth opportunities for qualified engineers and scientists who are U. S. citizens are open in the following fields:

### OFFICE OF ADVANCED RESEARCH

**THEORETICAL RESEARCH** — Hydrodynamic and radiation processes in tenuous gases at very high temperatures, ionization produced by soft X-radiation, hydrodynamics of solids at high pressures including studies of equations of state, infrared properties of the atmosphere and of hot gases, conversion of chemical energy into sound and the condensation rate of supersaturated vapors. Theoretical physicists are needed to work in these fields. Specific experience is not necessary. However, a general background in theoretical and mathematical physics is required.

*You are invited to address inquiries to M. H. Johnson, Advanced Research Staff at our Glendale, California address.*

**Other unusual opportunities are open for qualified engineers and scientists in the following areas:**

#### SPACE TECHNOLOGY DIVISION

Astrodynamics • Space Environment • Theoretical Physics • Electronics • Radar • Information Links • Automatic Controls • Mathematics • Propulsion Research • Combustion • Materials • Aeromechanics

#### COMPUTER DIVISION

Input-Output Equipment • Storage Units • Display Devices

#### TACTICAL WEAPON SYSTEMS DIVISION

Aero-Thermodynamics • Aero-Chemistry and Propulsion • Astronautics

*Qualified applicants for the above three divisions are invited to send resumes and inquiries to Mr. K. A. Dunn, 1234 Air Way, Bldg. 21, Glendale, California. Phone CHapman 5-6651.*

### AERONUTRONIC SYSTEMS, INC.

a subsidiary of FORD MOTOR COMPANY  
NEWPORT BEACH, GLENDALE, SANTA ANA  
AND MAYWOOD, CALIFORNIA

operation throughout the conference. Additional information may be obtained from the general chairman, Dr. Edwin S. Hodge, Mellon Institute, Pittsburgh 13, Pa.

### Theory of Fluid Flow Through Porous Media

**S**INGLE and multiphase fluid flow in porous solids will be considered from a theoretical point of view at a conference to be held March 23-24 at the University of Oklahoma at Norman under the sponsorship of the University's School of Petroleum Engineering. The proceedings will be published and distributed to all who attend. Further information may be obtained from the conference chairman, Prof. Charles G. Dodd, School of Petroleum Engineering, University of Oklahoma, Norman, Okla.

### Color

**T**HE Inter-Society Color Council will hold its 28th annual meeting on April 1 at the Statler-Hilton Hotel in New York City. A business meeting will be held during the morning and will be followed in the afternoon by a symposium on the use of material standards for color matching. The practical problems and acceptance of material color standards will be reviewed by A. J. Benjamin, the instrumental approach will be covered by Harry J. Keegan, and the visual approach will be discussed by Hugh Davidson and Henry Hemmendinger. The guest speaker at the evening banquet will be Deane B. Judd of the National Bureau of Standards.

Advance registration blanks and further information may be obtained from the council's secretary, Mr. Ralph M. Evans, Technology Division, Building 65, Eastman Kodak Company, Rochester 4, N. Y.

### Optical Society

**T**HE 1959 spring meeting of the Optical Society of America will take place April 2-4 at the Hotel New Yorker in New York City and will be held in conjunction with the Infrared Information Symposia (IRIS) organization. This will be the first meeting to be held jointly with a group with overlapping interests and the beginning of a policy which the Optical Society expects to continue.

On Thursday, April 2, invited papers will be given on the weather-eye satellite (W. G. Stroud), the balloon spectrograph (John Strong), and the balloon telescope (Martin Schwarzschild). At a parallel session on Thursday morning, Dorothy Nickerson will speak on "Light Sources and Color Rendition". On Friday morning, April 3, there will be an invited paper on infrared detectors (Henry Levinstein) and one on measurements of the earth's heat radiation (Lewis D. Kaplan). Three papers on microscopy will be given in the afternoon by W. Lewis Hyde, Shinya Inoué, and Cecil E. Hall. On Saturday morning, a panel consisting of several OSA members who recently visited Russia will discuss "Observations on Optics in the USSR".

At a joint OSA-IRIS banquet on Thursday evening,