

UNIVERSITY OF MICHIGAN ENGINEERS and SCIENTISTS

Unusual opportunities for outstanding and experienced men are available at the University of Michigan's Willow Run Laboratories. Physicists, Mathematicians, and Engineers with advanced degrees and/or experience in the fields of:

Theoretical and Applied Physics with special emphasis on Acoustics, Electromagnetic theory, Electronics, Infrared, Meteorology, and Radar.

Salary commensurate with training and experience. Excellent working conditions. Liberal vacation policy along with other fringe benefits. Unusual opportunity to carry on University graduate studies while working full time. Moving expenses paid. U. S. Citizenship required.

Representative will be at American Physical Society meeting.

Write, giving details of education and experience to:

**Technical Personnel Representative
University of Michigan
Willow Run Laboratories
Ypsilanti, Michigan**

POSITIONS OPEN

Stimulating Applied Research in Radiation and Nucleonics

New, rapidly expanding laboratory has opportunities for two physicists and two physical chemists with Ph.D. (or equivalent). Experience is preferred in nuclear or radiochemical field but ability is prime requisite. Qualified men please write to: Dr. K. H. Sun, Radiation and Nucleonics Laboratory, Engineering Center, Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania.

POSITION OPEN

FACULTY POSITION. Teaching, research (low energy nuclear physics). Salary and rank open. L. B. Ham, Physics Department, University of Arkansas, Fayetteville, Arkansas.

tical Society of America and the Second International Congress on Acoustics, taking place in Cambridge the week of June 17-23.

The Seminar and Conference have been planned to provide an opportunity for people with diverse training to meet and learn what progress has been made in the field, as well as to clarify in their own minds what direction future research might profitably take. The Seminar, although not conceived as an elementary course, should provide a suitable introduction for those who have little experience in bringing the combined techniques of the relevant scientific disciplines to bear on problems of speech communication. The Conference, which chronologically and logically follows the Seminar, will survey the latest research thinking on a number of these problems.

The basic theme of the Seminar is the contribution of acoustics, linguistics, psychology, and information theory to our understanding of the nature of speech communication. It is to be conducted in a relatively formal manner, with lectures, demonstrations, laboratory visits, and organized discussions. Since individual participants will differ widely as to their familiarity with the subject matter, two parallel sessions are planned. One session will be oriented towards engineers and others having a thorough grounding in mathematics and the physical sciences; the other will be oriented towards linguists and those whose training is primarily in the social sciences. The instructional staff will include A. N. Chomsky, P. Elias, C. G. M. Fant, J. L. Flanagan, M. Halle, A. S. House, I. Pollack, W. A. Rosenblith, and K. N. Stevens.

The Speech Communication Conference will consist of sessions on the following topics: (1) the measurement of intelligibility of speech; (2) recent advances in technical applications of speech research; (3) contributions to the theory of speech communication. The following are among those who have accepted invitations to contribute papers: E. W. Ayers, L. L. Beranek, E. E. David, Jr., J. P. Egan, D. Fry, R. Jakobson, K. Kryter, W. Lawrence, A. M. Liberman, G. A. Miller, and W. Wathen-Dunn, as well as some members of the instructing staff of the Seminar.

Persons desiring further information regarding the above events are asked to communicate with Prof. Morris Halle, Department of Modern Languages, Massachusetts Institute of Technology, Cambridge 39, Mass.

Magnetism

A CONFERENCE on Magnetism and Magnetic Materials will be held October 16-18 in Boston by the American Institute of Electrical Engineers in cooperation with the American Physical Society, the American Institute of Mining & Metallurgical Engineers, and the Institute of Radio Engineers. Authors should submit titles of proposed papers by June 15 and abstracts by August 1. For further details write to Dr. T. O. Paine, Measurements Laboratory, General Electric Company, West Lynn, Mass.