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• Ph.D. or M.S. in physics, electrical engineering or other physical sciences with several years experience in thin film deposition techniques for microcircuitry. To lead a group engaged in research and development of these techniques.

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Dr. R. A. Satten, Department of Physics, University of California, Los Angeles 24, Calif.

Engineering for Research

A symposium on engineering for major scientific programs will be held February 5-6 at the Georgia Institute of Technology in connection with Georgia Tech's 75th anniversary celebration next year.

The first day of the symposium will be devoted to current engineering problems. Papers will be presented on such topics as a large-scale linear accelerator, nuclear test detection, and Project Mohole. The second day will be concerned with future engineering needs in such areas as materials research and space exploration. Additional details are available from the 75th Anniversary Committee, Georgia Tech, Atlanta 13, Ga.

Residual Gases in Electron Tubes

Italy's Society of Physics, under the patronage of the Italian National Council of Research and Electro-technical Association, is organizing the 2nd International Symposium on Residual Gases in Electron Tubes, which will be held March 12-15 at the headquarters of the Federation of Scientific and Technical Associations of Milan.

The program will cover the following main topics: (1) total and partial pressures in electron tubes, including instruments, techniques, and interpretation of results; (2) pumping methods and their influence on residual gases; (3) internal sources of gas, its emission from individual components under different working conditions, and the effect of pretreatments; (4) theory of gas-surface interactions, gettering materials, and their characteristics; (5) gas-surface interactions, including the influence of the different surfaces, electron currents, hot filaments, and ion and electron bombardment; (6) technology and application of getters; and (7) influence of residual gases on the functioning and life of electron tubes.

English summaries of about 20-30 typewritten lines of proposed communications must be received by December 31. To facilitate publication of the proceedings, which will be in English, full manuscripts are due by February 20. Abstracts and requests for further information and registration forms should be sent to the Symposium Secretary, E. Gatti, Via Gallarate 215, Milan, Italy.

Optical Society

The spring meeting of the Optical Society of America will be held at the Robert Meyer Hotel in Jacksonville, Fla., from March 25 to 27. The program will include six invited papers, of which one or two will deal with items of interest to workers in vision and physiological optics and the rest with modern instrumentation, spectroscopy, and other topics. There will also be ses-