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## POSITIONS OPEN—Continued

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### SENIOR POSITION IN PHYSICS

Bucknell University has a five-man Physics Department. We are planning to replace one of our junior members at a higher rank and salary. We are looking for a person who might be described as a teacher-scholar with primary emphasis on teaching.

*Approximate Age:* Between 35 and 45.

*Experience:* A man with six to ten years teaching experience. Additional industrial experience would be considered valuable.

The Department of Physics is located in the new Olin Science building with the most modern equipment. The departmental operating budget is approximately \$15,000 annually with an additional \$1000 to \$1500 available annually for research purposes.

*Approximate Teaching Load:* Twelve contact hours.

*Salary:* Open.

Application should be sent to: Dr. Karl D. Hartzell, Dean, Bucknell University, Lewisburg, Pa.

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#### The Department of Physics

Florida State University, Tallahassee, Florida

WILL MAKE TWO APPOINTMENTS

in the rank of

ASSISTANT PROFESSOR

(initial salaries in the range \$6000-\$6800)

APPOINTMENT TO BEGIN SEPTEMBER 1, 1958

A research program in several fields of experimental physics and in theoretical physics is being developed. Openings with reasonable stipends are also available for graduate assistants (teaching or research) and, on a more competitive basis, for fellows in nuclear research.

Applications are also solicited for one full time electronics technician and for experienced shop personnel, laboratory assistants, etc.

Please write to:

Dr. Harvey Hall, Chairman, Dept. of Physics

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## RESEARCH PHYSICIST

Ph.D. or equivalent. Man with background in solid state physics for research division of electronics concern.

Excellent salary and working conditions. Submit full details to D. BELLAT, *Personnel Director*.

**TUNG-SOL ELECTRIC INC.**

**200 Bloomfield Avenue  
Bloomfield, N.J.**

and area sources. A special evening session devoted to a general lecture on urban air pollution and pollution from nuclear reactors will be open to the public. Attendance at the regular sessions, however, will be by invitation only.

Further information may be obtained from Dr. F. N. Frenkiel, Applied Physics Laboratory, The Johns Hopkins University, Silver Spring, Md., or from Dr. P. A. Sheppard, Department of Meteorology, Imperial College of Science and Technology, London SW 7, England, who are joint IUTAM-IUGG secretaries of the symposium.

### Vacuum Symposium

VACUUM techniques, including fundamental theory, applications, industrial processes, and related equipment, will be the topics covered during the Fifth National Vacuum Symposium of the American Vacuum Society to be held October 22-24 at the Sir Francis Drake Hotel, San Francisco, Calif. In October 1957, the Committee on Vacuum Techniques, Inc., formally became the American Vacuum Society. At that time the Society elected the following officers: president, M. W. Welch; vice president, A. J. Gale; clerk-secretary, D. S. Gustin; and treasurer, G. S. Carr. It will continue to disseminate information on all aspects of vacuum techniques to academic, government, and industrial organizations.

Papers on the topics to be covered at the symposium are invited for the San Francisco meeting. Prospective authors and those wishing further information should contact the program chairman, Wilfrid G. Matheson, 60 Boston Street, Salem, Mass.

### Acoustics Congress in 1959

PHYSICAL and technical acoustics, with special accent on the physical aspects, noise and vibration control, electroacoustics, and architectural acoustics, will highlight the Third International Congress on Acoustics to be held September 1-8, 1959, in Stuttgart, Germany. It will be sponsored by the International Commission on Acoustics according to the resolutions of the second ICA congress held in Cambridge, Mass., in 1956. The third congress will be arranged by the Verband Deutscher Physikalischer Gesellschaften, together with the Nachrichtentechnische Gesellschaft des Verbandes Deutscher Elektrotechniker and the Verein Deutscher Ingenieure.

In addition to the technical program, congress participants will be given the opportunity to visit German research institutes and take part in sightseeing excursions to Munich and the Stuttgart environs. A special industrial exhibition of modern acoustical and electrical measuring devices will be shown in connection with the congress.

Contributed papers will be accepted until May 15, 1959, and these and requests for further information should be addressed to the congress secretary, Dr.-Ing. Eberhard Zwicker, Breitscheidstrasse 3, Stuttgart N, Germany.