

Sol Schneider, US Army Electronics Research and Development Laboratory, Fort Monmouth, N. J.

An international conference on correlations of particles emitted in nuclear reactions will take place October 15 to 17 in Gatlinburg, Tenn. Emphasizing the correlations (in energy and in angle) of emitted particles, the conference will be concerned with experimental and theoretical investigations of nuclear reactions that yield more than two bodies in the final state. Abstracts, due by September 1, should be sent to Alexander Zucker, Oak Ridge National Laboratory, PO Box X, Oak Ridge, Tenn. Summaries, 1500 words, with up to four figures, of contributed papers are to appear in the conference proceedings, and must be received by October 17. Room reservations should be made through Mr. Tom Woods, Manager, Mountain View Hotel, Gatlinburg, Tenn.

Acceptance as an American Physical Society Topical Conference means that abstracts of the papers presented at the conference will ultimately appear in the Society's *Bulletin*. Therefore, the regulations regarding the preparations of abstracts which appear in every issue of the *Bulletin* must be absolutely adhered to for every contributed paper.

## OSA

The Optical Society of America will hold its spring meeting in Washington, D. C., April 1 to 3. Contributed papers for which the abstract deadline is January 17, are solicited from all areas of the field of optics. The required abstract forms may be obtained from the Society's executive secretary in Washington.

Other features of the meeting will include the presentation of the 1964 Adolph Lomb Medal to Gordon Hall Spencer and an invited program consisting of a special symposium on physiological hazards of laser radiation, and papers on geophysical problems, lasers, coherence, nonlinear optics, optical techniques in information-processing systems, stimulated Raman radiation, and special topics on frontiers of atomic physics.

All correspondence should be addressed to Dr. Mary E. Wurga, Ex-

ecutive Secretary, Optical Society of America, 1155 Sixteenth Street, N. W., Washington, D. C.

## Photography and Radiation

A three-day symposium on the photographic aspects of ionizing radiation will be sponsored by the Royal Photographic Society at the Clarendon Laboratory, University of Oxford, April 15 to 17.

The meeting will cover fundamental photographic theory, including latent-image formation, x-ray reciprocity failure, and density variation with exposure temperatures at low radiation levels; photographic dosimetry, including beta rays, mixed radiations, automation, the new British film badge, finger films, etc.; ionizing radiation in space, particularly solar x-rays and absolute calibration of photographic emulsions exposed to soft x-rays; and medical and industrial radiography, including image quality, information theory, definition, etc. There will also be some consideration of technology.

Further information can be obtained from G. J. Rimes, Science Committee, Royal Photographic Society, 16 Princes Gate, Kensington, London, S. W. 7, England.

## AMS Spring Meeting

The American Meteorological Society and the American Geophysical Union's Section of Meteorology will hold their annual joint spring meeting in Washington, D. C., from April 21 to April 24.

Titles and abstracts should be sent by January 6 to Frederick G. Shuman, U.S. Weather Bureau, 24th and M Streets, NW, National Meteorological Center, Washington, D. C.

## IEEE

Cosponsored this year by the Instrument Society of America, the Region 6 annual conference of the Institute of Electrical and Electronics Engineers will take place in Salt Lake City from April 29 to May 1.

Papers are solicited in the following and related fields: electrical power, including systems, power reactors, control communications, power for air and

## SIDE-LOOKING RADAR SYSTEMS ANALYSTS

New programs at HUGHES are generating opportunities for Systems Analysts experienced in high-resolution data gathering, data transfer and data processing systems. Openings exist for Systems Engineers, Mathematicians and Physicists qualified in synthetic array radars, optical, and other data collection systems (IR, Electro-Optical, SIGINT and others). Assignments include:

**Senior Systems Scientist** with 20 years' electronic systems experience—at least 10 years relevant to side-looking radar systems. Applicants will be considered for important program management responsibilities. M. S. or Ph. D. degree required.

**Senior Systems Analysts** with 10 years' electronic systems experience—at least 5 years relevant to high-resolution systems pre-design and evaluation. Applicants will be considered for assignments in concept formulation; single and multi-sensor applications; data transmission, processing and interpretation; systems integration and performance evaluation. M. S. or Ph. D. required.

**Systems Analysts** with 5 years' experience in: detection of signals in noise, optimum filter theory, nonlinear signal processing, information theory, MTI and doppler systems analysis. B. S. or M. S. required.

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