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American Institute of Physics on the history of recent physics in the United States.

The address of the retiring president of the AAAS (Thomas Park), the annual joint address of Sigma Xi and the united chapters of Phi Beta Kappa, and interdisciplinary symposia on the spread of technical knowledge as an instrument of economic development and on the biochemistry of genetic transcription are also listed in the general program.

The Physics Section of the AAAS will hold sessions on Saturday, December 29, in the Lecture Room of the Franklin Institute. That afternoon, there will be a session of short contributed papers on the teaching of physics at the collegiate level. Abstracts may be submitted by anyone who wishes to participate, whether or not he is a member of the AAAS. The abstracts (about 100 words) should be sent in duplicate to the secretary of Section B (Physics) of the AAAS, Dr. Stanley S. Ballard, Department of Physics, University of Florida, Gainesville, Fla. Although no definite deadline has been established, it is hoped that the abstracts will be received by December 1.

Further information about the meeting as a whole may be obtained from Raymond L. Taylor, American Association for the Advancement of Science, 1515 Massachusetts Ave., N. W., Washington 5, D. C.

APS at Stanford

The American Physical Society's 1962 Winter Meeting in the West will be held at Stanford University from December 27 to 29. Invited papers are planned in sessions devoted to nuclear structure, high-energy physics, electron scattering, accelerator design, solid-state physics, low-temperature physics, masers and spectroscopy, plasma physics, and radio astronomy. There will be a joint session, on topics of mutual interest, with the American Geophysical Union, which will be meeting concurrently on the Stanford campus. Information about accommodations can be obtained from the APS Local Committee, Physics Department, Stanford University, Stanford, Calif.

Further details concerning the AGU meeting can be obtained by writing to the Local Arrangements Committee, American Geophysical Union, Room 317B, Radioscience Laboratory, Stanford University, Stanford, Calif.

The Gas-Cooled Reactor

A symposium on the advanced gas-cooled reactor will be held March 14-15, 1963, in London, under the auspices of the British Nuclear Energy Society. The provisional program of six sessions includes papers on the design of reactors and components, fueling aspects, control and instrumentation, loop systems, corrosion and compatibility, core physics, heat transfer, and graphite behavior.

Preprints of the papers will be available about a month before the symposium takes place. All in-

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quiries should be addressed to The Secretary, British Nuclear Energy Society, 1-7 Great George Street, London, S.W. 1, England.

Space Spectroscopy

California Institute of Technology will be the host institution for a symposium on quantitative spectroscopy and selected applications in space science, which will take place March 20-22. Joint sponsors of the meeting will be Caltech, the Jet Propulsion Laboratory of the National Aeronautics and Space Administration, the Advanced Research Projects Agency, the Air Force Office of Scientific Research, the Air Force Cambridge Research Laboratories, the Office of Naval Research, and the Institute for Defense Analysis. Attendance will be by invitation only.

Six sessions, composed entirely of invited papers, will consider the following topics: (1) absolute intensity measurements in heated gases, (2) experimental and theoretical studies on absolute intensities, (3) spectral line shapes, (4) telluric spectroscopy, (5) planetary spectroscopy, and (6) stellar and cosmic spectroscopy.

Requests to attend should be addressed to Dr. Arthur R. Laufer, Chief Scientist, Office of Naval Research, 1030 East Green St., Pasadena, Calif.

Metal Films

Sorption properties of vacuum-deposited metal films will be the topic of a conference to take place at the University of Liverpool from April 17 to 19, 1963. Sponsored by The Institute of Physics and The Physical Society in collaboration with the Joint British Committee for Vacuum Science and Technology, the meeting is intended to stress the scientific aspects of the subject rather than detailed techniques. Suggested main topics include structure and properties of metal films, sorption and chemical reactivity properties of metal films, reaction between ionized gases and metal surfaces, and application of scientific principles to pumping by metal surfaces.

There will be a number of invited papers covering recent work in the field, and offers of contributed papers are invited. Prospective contributors should submit three copies of 100-word abstracts, not later than December 1, to Dr. J. H. Leck, Department of Electrical Engineering, The University of Liverpool, Brownlow St., Liverpool 3, England. Further details about the conference and application forms will be available in January 1963 from the Administration Assistant, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, S. W. 1, England.

Applied Spectroscopy

The Chicago Section of the Society for Applied Spectroscopy, in cooperation with six other sections of the Society, will sponsor the 14th Annual Mid-America Spectroscopy Symposium at the Sheraton-Chicago Hotel



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