

the Conference is to have scientists and clinical workers share views and findings on these topics. The majority of the papers will be invited, but some contributed papers will be accepted. Abstracts should be submitted to the program chairman, Ira J. Hirsh, Central Institute for the Deaf, 818 South Kingshighway, St. Louis 10, Mo., no later than March 1. Further information may be obtained by writing to the chairman, S. R. Silverman, at the Central Institute for the Deaf.

### Scientific Information

**J**OINTLY sponsored by the National Science Foundation, the National Academy of Sciences—National Research Council, and the American Documentation Institute, an International Conference on Scientific Information is to be held early in November 1958 in Washington, D. C., to provide for a thorough discussion of present developments and research pertaining to the organization and dissemination of scientific information, with special emphasis on storage and retrospective search. In planning and organizing this conference the sponsoring agencies hope that qualified workers in the field all over the world will prepare papers and will participate in the conference sessions.

Subject matter to be covered will be grouped in the following general areas:

1. Requirements of scientists for scientific literature and reference services: knowledge now available and methods of ascertaining their requirements.

2. Function and effectiveness of abstracting and indexing services for storage and retrieval of scientific information and possible development of such services.

3. Effectiveness of scientific monographs, compendia, and specialized information centers for storage and retrieval of scientific information: survey of present practices, trends, and new and proposed techniques and types of services.

4. Organization of information for storage and retrospective search: comparative characteristics of existing systems.

5. Organization of knowledge for storage and retrospective search: conceptual and mechanical problems in the design of new systems.

6. Organization of information for storage and retrospective search: possible development of a general theory of storage and search.

7. Responsibilities of governmental bodies, professional societies, universities, and research and industrial organizations for research and training in scientific documentation and for operation of scientific information services.

Participation in the Conference will be limited to specialists in the fields covered by the agenda. These will include authors of papers accepted for inclusion in the Conference program and members of Review Panels, which are the working panels, designated to lead the discussion of papers in each working area. Individuals may serve both as authors and as members of Review Panels, except that authors may not serve on Review Panels in areas covered by their own papers. In the interest of effective discussion it is believed that the number of participants must not exceed 150. (This

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## POSITIONS OPEN

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Fully accredited engineering college with enrollment of 1400 has faculty openings in physics for February 1 and September 1, 1957. Offers strong undergraduate curriculum in physics, projected M.S. program, opportunity for research, alert, imaginative departmental faculty of eleven, opportunity for professional growth and advancement, proximity to St. Lawrence River and Adirondack recreational areas. Ph.D. desirable, M.S. essential. Write T. S. Renzema, Chairman, Department of Physics.

**FACULTY POSITION.** Associate Professor with Ph.D. in physics and at least seven years of college teaching experience. Salary \$6000 for nine months, plus \$1500 for the summer session of nine weeks. Summer work will probably be available two summers out of every three. Start September 1, 1957. H. E. Ruff, Head, Department of Physics, Louisiana Polytechnic Institute, Ruston, Louisiana.

### OPENING

For a responsible individual as Assistant in Radiology for work in Isotope Laboratory. Academic appointment; research opportunity; minimum salary \$5,500. Minimum requirements: B.S. in Physics. Some experience desired. Submit replies to Walter S. Moos, Ph.D., Department of Radiology, University of Illinois, 840 S. Wood Street, Chicago 12, Illinois.

Position on Physics staff starting last week in January 1957. Permanent for right person. Teaching undergraduate and graduate courses. Directing masters research. Rank and salary open. Contact: Penrose S. Albright, Head of Physics Dept., University of Wichita, Wichita 14, Kansas.

### DIRECTOR OF MICROWAVE ELECTRONICS LABORATORY

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**POSITION DESIRED** by analyst holding BS and MS in Physics and Applied Math. Experience includes analytical work in stress analysis, Heat transfer and Hydrodynamics. Box 157D, PHYSICS TODAY, 57 East 55 Street, New York 22, N.Y. giving details of specific job opening available.

includes authors and members of Review Panels.) Observers will be encouraged to attend the Conference; however, they will be asked to register in advance.

In the interest of a well-balanced and fruitful Conference, final authority for accepting papers for the program has been vested by the sponsors in a Conference Committee. This Committee, through the Secretariat, will call on the services of the most highly qualified experts throughout the world to referee all papers submitted.

The criteria that have been adopted for papers to be included in the Conference program include:

1. Papers will deal with work that has not been published or presented at any open meeting. Work will be considered to have been published if it has been reproduced for general distribution in any form or if copies have been deposited in libraries where they are available to the public.
2. Papers will be directed to specialists in the field covered. Only sufficient background information will be included to serve as an adequate framework for new work described in the papers. More general background material will be indicated by references.
3. Papers dealing with systems and methods will describe these at length only when they have not been described previously. If new methods or systems are involved, these will be described in sufficient detail to enable other qualified workers to duplicate the procedures and the results. There will be sufficient information to enable qualified readers to judge the validity of results in objective terms.
4. Theoretical papers will clearly explain the factual basis from which theoretical conclusions have been drawn and will point the way to experimental methods of verifying predictions which follow from such theoretical conclusions.

Within this framework the Conference Committee invites contributions to the program from workers anywhere in the world who are interested in presenting papers in any of the areas covered by the Agenda. Attendance will not be prerequisite for acceptance of an author's paper; however, efforts will be made to assist interested authors to attend the Conference. Papers accepted for inclusion on the Conference program will be printed and distributed to all participants at least two months in advance of the Conference date so that they will not need to be read in their entirety at the Conference. Instead, they will be presented in brief outline for discussion by review panels of experts and by all interested participants.

Individuals interested in submitting papers should communicate with the Executive Secretary as soon as possible, and in any case not later than January 31, 1957. Such communications should indicate which general area of the Conference agenda interests the author as well as the general subject matter to be covered by the proposed paper. All requests for further information should be addressed to the Executive Secretary, Dr. Alberto F. Thompson, International Conference on Scientific Information, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, Washington 25, D. C.