

Estes Park, Colo. Papers will have to do largely with the crystallographic, metallographic, and basic metallurgical phenomena that occur in metals under high strain rate. The meeting, it is emphasized, will *not* be concerned with explosive forming methods or engineering.

The purposes of the meeting are "to effect an exchange of such information as has been developed but not published, to afford discussion of controversial areas by bringing together the leading experimentalists in the field, to compile in one publication a summary of the most important current research programs in the field, and to stimulate more work in this field". The proceedings will be published in cooperation with Interscience Publishers, Inc., and will constitute another volume in the "Metallurgical Society Conferences" series.

Further information on the conference may be obtained from The Metallurgical Society of AIME, 29 West 39th Street, New York 18, N. Y.

Computers and Data Processing

THE Denver Research Institute of the University of Denver will hold its 7th Annual Symposium on Computers and Data Processing on July 28-29 at the Stanley Hotel, Estes Park, Colo. The continuing theme of this series of meetings has been the advanced treatment of basic problems in computer technology. At this year's symposium, the program will consist of papers dealing with components and devices, logic design, and the philosophy of computer design. Although the emphasis will be placed on invited papers, a limited number of contributed papers will be accepted for presentation. Prospective authors should send 150-word abstracts (no later than April 1) to W. H. Eichelberger, Denver Research Institute, University of Denver, Denver 10, Colo.

Physics Education

THE International Union of Pure and Applied Physics is sponsoring an International Conference on Physics Education to be held at UNESCO House in Paris, from July 28 to August 4, 1960. The organizing committee has been set up under the chairmanship of Sanborn C. Brown of MIT. Norman Clarke of the Institute of Physics in London will serve as conference secretary. The rest of the committee includes Hilliard Roderick (UNESCO), P. Fleury (France), Elmer Hutchisson (USA), Tosiro Kinbara (Japan), W. Kroebel (Germany), E. Persico (Italy), and Louis Weil (OEEC). A representative of the Soviet Union has also been asked to serve.

The scope of the conference will be the whole range of education in physics from the stage at which children are first introduced to physics as a separate subject up to problems of higher technological education and postgraduate training. In order to insure fruitful discussion the number of participants will be limited to 150 or less, with a consequent limitation upon the num-

ber of delegates from any one country. The committee has already been assured of generous financial and other support by the Organization for European Economic Cooperation and the Asia Foundation, and it is expected that support from other agencies will also be forthcoming.

The program of the conference will probably be divided somewhat as follows:

- (a) The content of physics courses;
- (b) Selection and organization of experimental work, the place and nature of problems and exercises;
- (c) Methods of examination, the selection of students for university physics courses;
- (d) Problems of special interest to industry, including physics courses for technicians and technologists; and
- (e) PhD and other postgraduate courses, including training in courses for teachers.

The aim of the Organizing Committee is to secure papers which deal with attempted solutions of problems in physics education which are common to many countries or such matters as experiments in better or wider presentation of physics courses. It is not intended that the time of the conference should be spent in considering contributions which merely give factual information about educational systems in various countries. Information of this kind will be prepared in advance and will be circulated before the meeting to those who will attend. All papers accepted for presentation will be printed and circulated to the delegates before the conference convenes. These will not be read in full at the conference, but will be described briefly so that maximum time will be available for their discussion. The proceedings of the conference will be edited, condensed, and published in a volume which the organizing committee hopes will be a valuable document for the guidance of all who are concerned with the development of education in physics. The conference will also include an exhibition of books and apparatus and a display of educational films arranged by a committee of which W. C. Kelly of the American Institute of Physics is a member. Besides Drs. Brown, Hutchisson, and Kelly, delegates chosen to represent the US at the conference are J. W. Buchta, associate dean at the University of Minnesota; L. O. Olsen, professor of physics at Case Institute of Technology and president of the American Association of Physics Teachers; F. W. Sears, head of Dartmouth's Physics Department and past president of AAPT; C. G. Suits, vice president of General Electric; H. E. White, professor of physics at the University of California; and J. R. Zacharias, professor of physics at MIT.

Astronautics

SESSIONS of the eleventh International Astronautical Congress, which is to take place August 15-20 at The Royal Institute of Technology in Stockholm, are planned in the following subject areas: basic sciences; planetary atmosphere environments; interplane-

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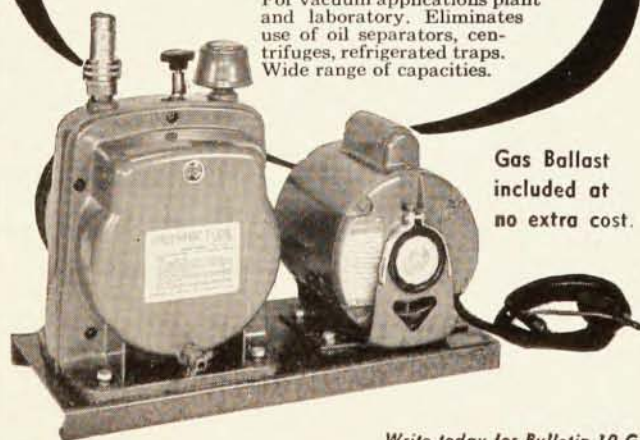
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tary space; space medicine and biology; trajectories; navigation, guidance, and control; space communication; propulsion; vehicles; space probes, satellites, and high-altitude rockets; and economical factors.

The American Rocket Society has been designated as the screening committee for papers from the United States. Anyone interested in presenting a paper should send a 250-500-word abstract as soon as possible, and in any event before March 30, to Mr. Roderick Hohl, American Rocket Society, Inc., 500 Fifth Avenue, New York 36, N. Y., who will in turn forward it to the proper Technical Committee for review. Further information on the congress is also available from Mr. Hohl.

Electron Microscopy

PHYSICS and technique of the electron microscope, image formation, ion microscopy, preparation techniques, and results of ultrastructure research in biology, medicine, chemistry, and metallography are the subjects to be dealt with at a European Regional Conference on Electron Microscopy, which is currently being organized by the Nederlandse Vereniging voor Electronmicroscopie under the auspices of the International Federation of Electron Microscope Societies. The conference will take place from August 28 to September 3 in Delft.

The scientific meetings will be held in the Gebouw voor Werktuig- en Scheepsbouwkunde (in Delft), where there will also be an exhibition of electron microscopes and electronmicrographs. The official languages for the conference will be English, French, and German. Papers of interest both to nonspecialists and to workers active in particular fields will be presented at the sectional and plenary sessions. May 1 is the deadline for submission of outlines, abstracts (in duplicate), and micrographs of material to be given at these meetings. In addition, there will be a series of colloquia intended for specialists in specific areas of study. The deadline for contributors of papers to the colloquia is June 15. Application forms and further information concerning the meetings are available from the secretary of the organizing committee, A. L. Houwink, Julianalaan 67A, Delft, Netherlands.

Polymers

DEVOTED to all aspects of polymer science, the Tenth Canadian High Polymer Forum will be held September 8-9 at the Alpine Inn, St. Marguerite (near Montreal), and will be sponsored by the National Research Council of Canada in cooperation with the Chemical Institute of Canada. Titles and 300-word abstracts should be submitted by May 1 and June 30, respectively, to the program chairman, Dr. K. E. Russell, Department of Chemistry, Queen's University, Kingston, Ont., Canada. Further information on the Forum will be available from the secretary-treasurer, D. A. I. Goring, Pulp and Paper Research Institute, McGill University, Montreal, Que., Canada.