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BAARINC is establishing a major new research organization—the Combined Arms Research Office (CARO)—at Fort Leavenworth near Kansas City. CARO will undertake advanced studies for the combat and combat support elements of the U. S. Army.

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MEETINGS

AAAS and Astronomers

The American Association for the Advancement of Science will hold its 131st annual meeting in Montreal from December 26 to 31, 1964. The program for Section B (Physics), chaired by Stanley S. Ballard, will involve several joint sessions with other scientific organizations. On the morning of December 28, there will be a joint session with Section D (Astronomy), chaired by Frank B. Wood and Donald A. MacRae, on possible meteoric or lunar influences on meteorological phenomena. This program has been arranged by Walter Orr Roberts of the High Altitude Observatory in Boulder.

On the afternoon of Dec. 29 Ralph A. Sawyer, who became acting director of the American Institute of Physics last month, will deliver Section B's retiring vice presidential address, entitled "Is There a Crisis in Physics Education?" The remainder of the afternoon will be devoted to a joint session of Section B and Sigma Pi Sigma, cosponsored by the Canadian Association of Physicists, on contemporary physics in Canada. On December 30, Section B will cosponsor with the Canadian Aeronautics and Space Institute a symposium on upper-atmospheric physics.

Other activities of this year's AAAS meeting of interest to physicists include a lecture by Philip Morrison on the relations between nuclear physics and astronomy, a symposium of the American Astronautical Society on deeper space penetration, and an American-Canadian meteorological program.

More detailed information may be obtained from Dr. Raymond L. Taylor, Associate Administrative Secretary, AAAS, 1515 Massachusetts Avenue, NW, Washington, D. C.

The American Astronomical Society meeting, whose sessions will be cosponsored by Section D of the AAAS, will also take place in Montreal, from

December 29 to 31. Maarten Schmidt will deliver the AAS Helen B. Warner Prize Lecture on quasistellar radio sources on the evening of the 29th. The Society will also participate in the retiring address of Paul Herget, vice president of the AAAS Section D, on the afternoon of the 30th. The traditional Astronomers' dinner will take place that evening.

Further information may be obtained from Prof. G. C. McVittie, University of Illinois Observatory, Urbana, Illinois.

Rheology

The winter meeting of the Society of Rheology will take place on January 28 and 29, 1965, at the Miramar Hotel-Motel in Santa Barbara, Calif. The deadline for submission of abstracts (to Roger S. Porter, California Research Corporation, 576 Standard Avenue, Richmond, Calif.) is December 1, 1964. Accepted papers will generally be allowed 30 minutes for presentation, including discussion. The abstracts should be submitted in duplicate, between 100 and 200 words in length. No drawings will be accepted, and it is requested that symbols be held to a minimum and carefully defined where necessary.

Accommodations can be obtained through the Miramar Hotel or through the Local Arrangements Chairman, Charles C. Surland, Dept. 4520, Aerojet-General Corporation, PO Box 1947, Sacramento 9, Calif.

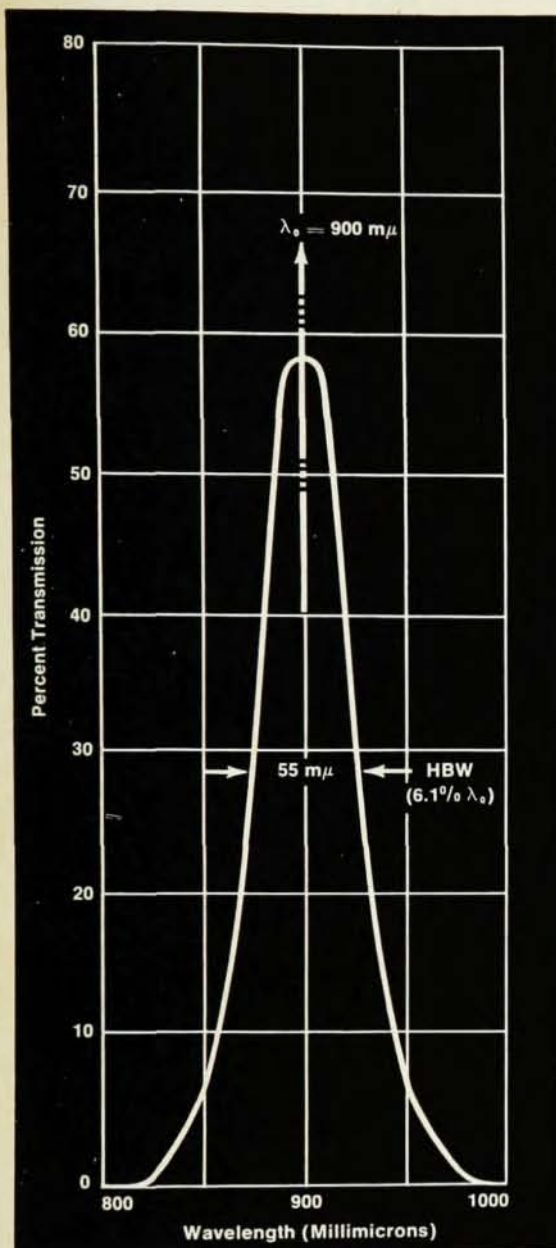
The West Coast Gordon Conference on Polymers will meet in Santa Barbara immediately after the Society's meeting. Inquiries regarding this conference should be sent to Ralph Milovich, General Tire and Rubber Company, Akron, Ohio.

Organic crystals

The US Army Research Office at Durham, the Office of Naval Research, and the University of Chicago are sponsoring an international sympos-

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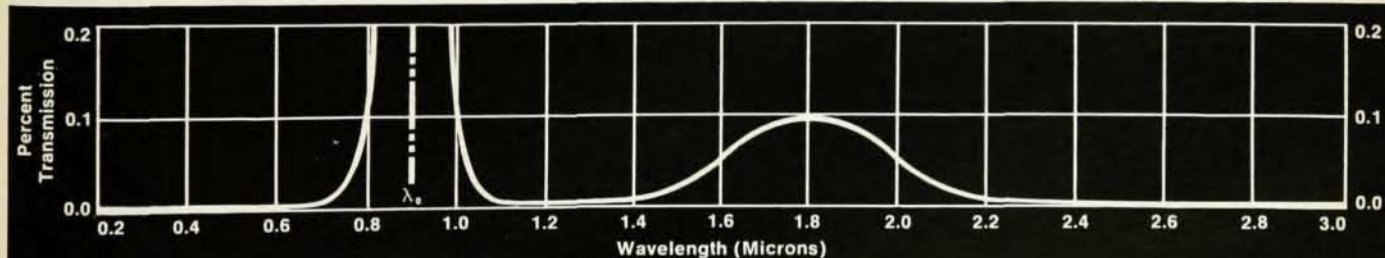
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Engineers to design communications equipment. Must have background in information theory and coding.

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APPLIED MECHANICS

Engineers or Physicists for work in the following areas: light experimental fluid mechanics studies, geophysical fluid mechanics.

Mathematician for work in numerical analysis.

ATMOSPHERIC PHYSICS

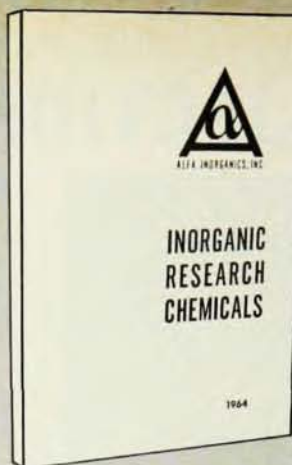
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ium on organic crystals at the University of Chicago from May 10 to 12, 1965. Topics to be discussed at the meeting will include electronic states, singlet and triplet excitons and multiple-exciton interactions, delayed fluorescence, radiationless transitions, energy transfer, impurity states, and magnetic properties.

The deadline for submission of abstracts and applications to attend the symposium is January 1, 1965. Both abstracts and requests for application forms should be sent to the Secretary, Organic Crystal Symposium, University of Chicago, 5640 South Ellis Avenue, Chicago, Ill.

Physics education

An international conference on the education of professional physicists will be held in London from July 15 to 21, 1965. Arranged by the Institute of Physics and the Physical Society, under the auspices of the Education Commission of the International Union of Pure and Applied Physics, the meeting follows two previous Commission conferences, held in Paris in 1960 and in Rio de Janeiro in 1963. While the earlier meetings were concerned with the broad issues of policy, next summer's conference will cover the practical problems involved in the education of professional physicists who will engage in either pure or applied research. The range of education to be covered will correspond approximately to the British Honours Degree, PhD programs, and refresher or advanced specialized courses for graduate physicists.

Although six invited lectures are planned, the greater part of the program will be devoted to contributed papers. These may be submitted in either English or French, and 300-word abstracts, in triplicate, are due by January 1, 1965. The number of participants will be limited to approximately 100.

All correspondence regarding the conference should be addressed to Miss Patricia N. Boston, The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW 1, England.

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