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Announces Establishment of

The Combined Arms Research Office

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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.

Typical study areas will include: lasers . . . tactical field communications . . . command, control, and communications systems . . . transportation, logistics and combat maneuvers . . . electrical and nuclear power.

All pertinent techniques of operations and systems analysis, gaming, model building, and cost effectiveness will be applied, with heavy emphasis on evaluation and utilization of advances in technology.

We invite your inquiry about the outstanding career opportunities now offered at CARO. The comprehensive research facilities are completely modern, and the remuneration and other benefits are attractive. Please send your resume to: Mr. Robert N. Flint, Director of Staff Selections.

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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-