will be discussed at a seminar on theoretical physics which will be organized in Trieste this summer by the International Atomic Energy Agency. The dates, July 16 to August 25, have been chosen to encourage the participation of scientists attending the High Energy Physics Conference to be sponsored July 4 to 11 in Geneva by CERN, and it is anticipated that many of the topics included in the CERN program will be considered in further detail during the seminar at Trieste.

Advanced lecture series and seminars are being tentatively planned for the following topics: (1) Elementary Particle Theory (possible higher symmetries, form factors, theory of resonances, use of unitary condition and double dispersion relations in strong interactions); and (2) Physics at High Energies (theories of collisions at high energies, high-energy limit theorems, electromagnetism at high energies, weak interactions at high energies).

For further details, contact the International Atomic Energy Agency, Room 2265, United Nations Headquarters, New York 17, N. Y.

Combustion

The ninth International Symposium on Combustion will meet August 27 through September 1 at Cornell University under the auspices of the Combustion Institute. The program will consist of two series of invited papers and subsequent discussions (on detonations and fundamental flame processes), three colloquia (on modelling principles, chemical reactions and phase changes in supersonic flow, and reciprocating-engine combustion research), and ten sessions of contributed papers dealing with laminar and turbulent gas flames, high-temperature spectroscopy, reaction kinetics and mechanisms, hydrogen-oxygen reaction, detonation and transition to detonation, combustion involving solids, and combustion instability. The proceedings will be published by Academic Press Inc., New York.

For further information, write to Combustion Symposium Office, Upson Hall, Sibley School of Mechanical Engineering, Cornell University, Ithaca, N. Y.

Low-Temperature Physics

The eighth International Conference on Low Temperature Physics will be held September 16–22 at Queen Mary College in London, under the sponsorship of the International Union of Pure and Applied Physics. Sessions will deal with specific subject areas, and each will be introduced by a "keynote" address by an invited speaker. Relevant contributed papers, reprinted and distributed to all registrants prior to the conference, will then be read by title only, and discussed under a working chairman. Formal parallel sessions will not be held, but there will be ample opportunity for informal discussions and ad hoc meetings.

The main themes of the conference will be helium-3;

POSITIONS OPEN

macroscopic quantization in helium and in superconductors, superconductivity in relation to transition elements, spin ordering at low temperatures (including electron scattering), spin-phonon interactions (including coupling with ultrasonic waves in metals and in nonmetals), applications of low-temperature phenomena, and lattice dynamics in relation to experiments at low temperatures. The proceedings, containing both contributed and invited papers, will be published about six months after the conference by Butterworths Publications Ltd.

Applications to attend (the registration fee is £2) must be sent before July 15 to the Eighth Low-Temperature Conference, Queen Mary College, Mile End Road, London, E.1., England.

Atmospheric Physics

An international symposium on equatorial aeronomy will be held September 18–26 in Huaychulo, Peru, under the auspices of the International Scientific Radio Union, the International Union of Geodesy and Geophysics, the Jicamarca Radio Observatory of the US National Bureau of Standards, and the Instituto Geofísico del Perú. The program is expected to cover the various properties and phenomena associated with the *D*, *E*, and *F* regions, as well as such subjects as geomagnetic pulsations and synchrotron radiation. Arrangements will be made for participants to visit the Huancayo Observatory, the Ancon Minitrack Station, and the Nana Extensometer Station. The attendance will be limited to about forty persons. Requests for additional information should be sent to Ing. Alberto A. Giesecke, Jr., Secretary, Scientific Program Committee, International Symposium on Equatorial Aeronomy, Apartado 3747, Lima, Peru.

Space Science

A call for papers to be presented at a symposium on space phenomena and measurements, which is to be held October 15–18 in Detroit, has been issued by the symposium's sponsors, the Professional Group on Nuclear Science of the Institute of Radio Engineers, the Atomic Energy Commission, and the National Aeronautics and Space Administration. Subjects described as typical of the topics to be discussed include measurement in the radiation belts, solar and galactic cosmic-ray behavior, electromagnetic fields in the solar system, and x-ray and gamma-ray astronomy. A special session will deal with nuclear propulsion, energy conversion, nuclear instrumentation, and radiation effects.

One-hundred word abstracts (the deadline is July 1) and rough drafts of papers (deadline, September 1) should be submitted to Michael Ihnat, AVCO Corporation, 201 Lowell Street, Wilmington, Mass. Further details concerning the symposium can be obtained from Harold E. DeBolt at the same address.