Sciences, University of Colorado, Boulder, Colo., or Prof. M. I. Budyko, Main Geophysical Observatory, M. Spasskoya 7, Leningrad K-18, USSR.

Space and Vacuum Techniques

The French Society of Vacuum Technicians and Engineers, with the endorsement of the National Center for Space Studies, is organizing an international congress on vacuum techniques in space research to be held in Paris from June 29 to July 4.

A series of invited papers dealing with vacuum techniques in space physics will review physical and chemical factors, radiation in space, the electrical state, and micrometeorite fluxes. In addition, papers on space simulation will deal with ultrararefied media, temperature, thermal exchanges and associated radiations, and experiments on ionized media. There will also be a program of contributed papers on development of materials, components, and devices used for obtaining low pressures.

All correspondence should be addressed to the Technical and Administrative Secretariat, Mme. J. Mainier, 147 Blvd. de Strasbourg, Nogent-sur-Marne, Seine, France.

Astronautics

The International Astronautical Federation will hold the fifteenth International Astronautical Congress in Warsaw, from September 7 to 21. In addition to the general sessions, which will cover bioastronautics, power systems, celestial mechanics, re-entry, systems, and ground installations, the meeting will devote a major part of its program to the problems of manned lunar exploration. These sessions will include flight programs, propulsion techniques, navigation, and an invited panel discussion of a possible international lunar laboratory. Other special events will include a discussion of education in astronautics and an invited symposium on space vehicles in ionized media.

Information regarding the submission of summaries of contributions, due before April 15, can be obtained from the International Astronautical Federation, 250 rue Saint-Jacques,