

CALTECH AND THE IGY

The International Geophysical Year—the largest joint enterprise ever undertaken by scientists—gets under way on July 1, 1957. From then until December, 1958, over 5,000 scientists from more than 50 nations will carry out synchronized observations of the earth's crust and core, of its oceans and glaciers, and of the activities of the sun and the atmosphere.

This concentrated 18-month examination of our planet is expected to produce the equivalent of 20 ordinary years of scientific research. In the United States, the IGY program covers 13 specific areas of research—each controlled by a Technical Panel of scientists, under the administration of the National Science Foundation.

Each panel has representatives from almost every major university and research institute in the country.

Caltech men are serving on the Technical Panels of Cosmic Rays, the Earth Satellite Program, Glaciology, Solar Activity, and Seismology and Gravity. On the following pages, five of these Caltech scientists, who are directing specific IGY research projects, describe the part the Institute will play in the International Geophysical Year.