

ery regarding the laws of nature or have been responsible for an invention not based on a previously known fundamental law of nature. Discoveries were to be weighed in accordance with their general value to mankind and their contribution to man's fund of knowledge. Ballots were cast by 1116 electors from a total of 49 foreign countries and from each of the 50 states of the United States, in the world-wide election.

### Bohr Speaks at Laboratory Dedication

Niels Bohr, the Danish nuclear physicist, was the principal speaker at the dedication, 25 June, of General Dynamics Corporation's new John Jay Hopkins laboratory of pure and applied science, outside San Diego, Calif. In a short address, Bohr spoke of the interaction between technology and science and of the

technological demands that atomic physics has made. He said that the new laboratory has "most promising prospects" of meeting these demands.

The laboratory, which is located on a 300-acre site just north of San Diego, has, in addition to the standard research center buildings, a building to house its reactor, a linear accelerator, a fusion research center, and a "hot cell" facility. In all, there are approximately 100 laboratories in the group. In a demonstration at the dedication ceremonies, the power output of the reactor, located at the north end of the site, was increased from 1 watt to 1 million kilowatts in less than 0.1 second. The actual flash lasted approximately 0.015 second. The self-regulating feature of the reactor's fuel-moderator elements of uranium and zirconium hydride immediately reduced the power to normal operating levels.

Among the many messages read at the

ceremony was one from President Eisenhower, in which he sent congratulations to General Dynamics and continued:

"I hope that your new laboratory will be the home of many original and challenging ideas, concepts and products, and that it will fully realize the great potential you visualize for it."

### Scripps Vessel Sails for 2-Year Study

The research vessel *Stranger* of Scripps Institution of Oceanography has sailed for Thailand, where the institute will conduct a 2-year oceanographic program under the auspices of the Thai and Vietnam governments and the U.S. International Cooperation Administration. The ship will be based in Bangkok. The scientific leader of the expedition is Anton Brunn, Danish zoologist, who was leader of the Danish round-the-world *Galathea*



Aerial view of General Dynamics Corporation's John Jay Hopkins laboratory for pure and applied science, San Diego, California. The new facility, named for the corporation's founder, was dedicated 25 June.