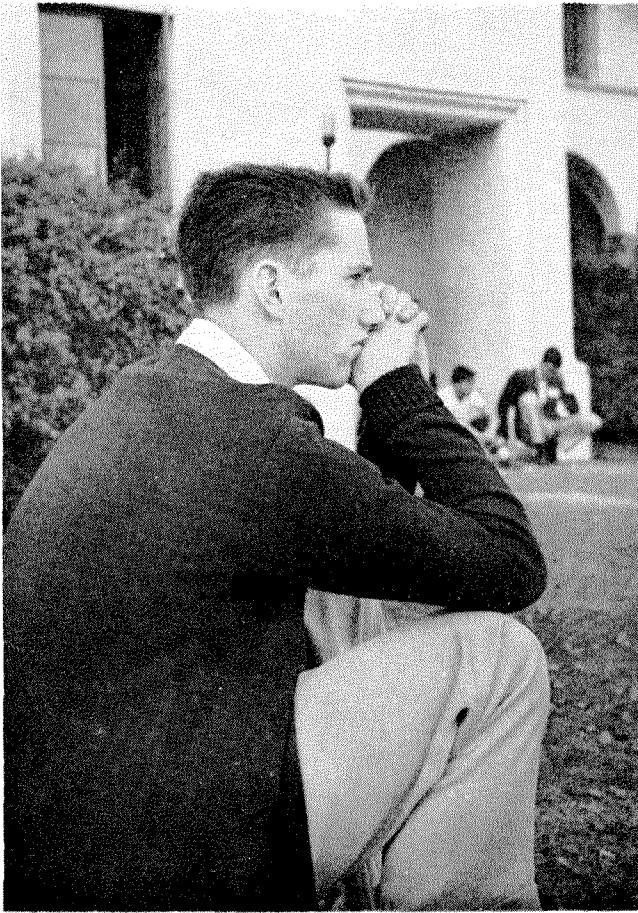


# STUDENTS' DAY



*A thoughtful visitor listens to President DuBridge's address on college students and military service.*

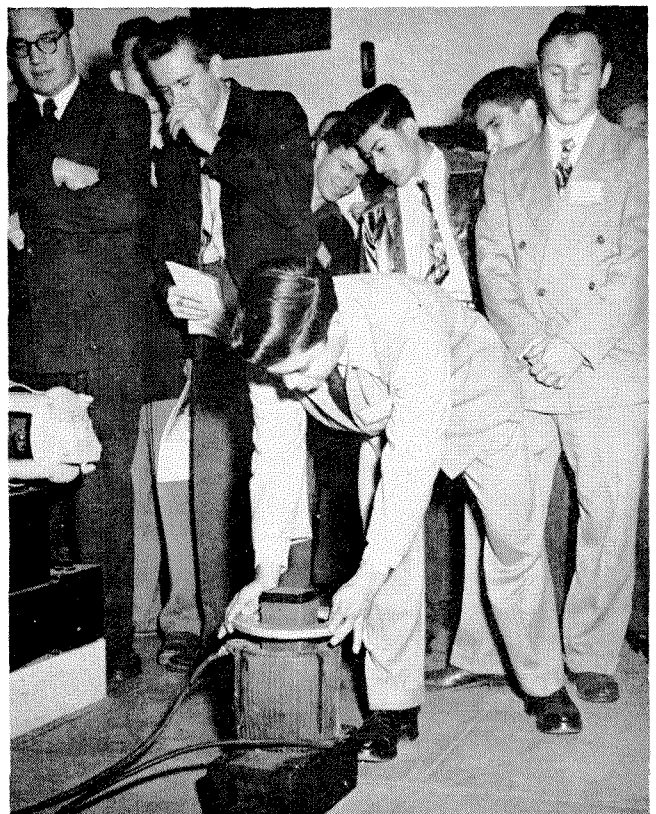
**B**EFORE THE WAR the Institute used to hold an annual open house for the public. The popularity of this affair finally reached the point where some 20,000 citizens stormed the Institute on Exhibit Day and all but brought its normal operation to a standstill. The war finally caused the abandonment of this function.

This month the Institute held its first post-war open house. It was open only to prospective students this time, and about 750 seniors from southern California high schools were selected, by their respective principals and science teachers, to visit the Institute on Students' Day, Saturday December 2.

Accompanied by their teachers, the high school students spent the morning touring the 40-odd exhibits which were set up and operated by Tech students in all the major departments. After a box lunch in the student houses, and a talk by President DuBridge, the students attended demonstration lectures in the afternoon. Some of the things they saw and did are shown on these pages.



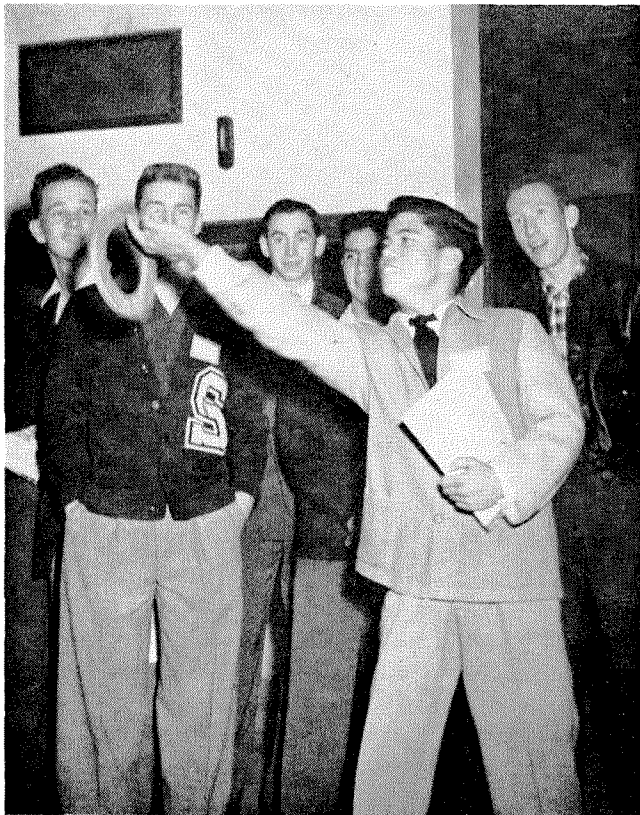
*In the new Engineering building Bill Wright '51 demonstrates arc melting of titanium in helium atmosphere.*



*Visitor holds down metal ring against the force of an a.c. magnet in electrical engineering demonstration—*



*High school students ate a box lunch at noon, in and around the Institute's student houses. The visitors came from schools in 60 southern California cities, from as far north as Santa Barbara and as far south as San Diego.*



*—but as soon as the visitor lets go of the aluminum ring it jumps after him, due to the repulsion of the magnet.*



*A shot in the dark at the ever-popular high voltage demonstration reveals a variety of representative reactions.*