Rocket Films At Assembly Today

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Billion-Volt Atom Smasher To Be Built at Caltech

Mighty Dollar Synchrotron To Begin Operations in One Year

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Small Dollar Synchrotron To Begin Operations in One Year

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Dr. Barger expects that the work will be completed by the end of 1953, when the machine will be operational. He estimates that the cost of the project will be between $10 and $15 million, and that the machine will be capable of producing particles of atomic energy of up to 10 billion volts.

The machine will be housed in the present optical shop, which is now being torn down to make room for the new building. Construction is now underway, and the machine is expected to be operational by 1953.

Dr. Barger and his team are currently working on the design and construction of the machine, which will be the largest and most powerful of its kind in the United States.

The new machine will be used for research in the fields of atomic energy, nuclear physics, and high-energy particle physics. It will also be used for the production of high-energy particles for use in other experiments.

The project is being supported by a grant from the National Science Foundation, which has provided $2 million for the construction of the machine.

It is estimated that the total cost of the project will be between $20 and $30 million, and that the machine will be operational by 1953.
The guitar, excellently played by the soloist, blended surprisingly well with the symphony orchestra. Owing to the fact, however, that the orchestra was down to a comparatively small size, the sound of which a guitar can be better appreciated, it might be better suited to a chamber concert, I suppose. At any rate, the performance was excellent.

Then we returned to our hotel in good time for dinner, where a large crowd of people was gathered for the concert, to which we had been invited by the music teachers of Los Angeles. The music was excellent, and we enjoyed ourselves very much.

After dinner, we went to the theater to see a new film called "The Wizard of Oz," which was very entertaining. The acting was good, and the special effects were very impressive. The film was a big success, and we all enjoyed it very much.

On the next day, we visited some of the museums in the city, such as the Los Angeles Museum of Natural History and the Getty Center. We also went to the Getty Villa, which is a beautiful palace on the hillside, and we had a wonderful view of the city from there.

In the evening, we attended another concert at the Hollywood Bowl, which was also very enjoyable. The orchestra was excellent, and the performance was very well received. We all had a wonderful time, and we hope to return to Los Angeles soon.

Overall, our trip to Los Angeles was very enjoyable, and we hope to return soon. We would like to thank everyone who helped us during our stay, and we hope to see you soon.
Tech Tracksters Draw Runner-Up at SCIC Meet

One of the most important track meets of the season was last Saturday at Stone Valley. The Southern California Intercollegiate Ski Union Race, matching UCLA, USC, and Caltech was held in conjunction with the San Francisco Ski Club's Gran Slam Team Race. Originally scheduled for San Gorgonio mountain, the meet was moved to the more accessible slopes at Stone Valley when a welcome twelve inches of new fall snow.

Positive Visiblity

Unfortunately, the race was upset by an accident which limited visibility to under thirty feet. Skier-keepers had to call directions to some of the racers when the clouds were at their worst. In order that they could find the next gate! For a lucky few of the runners, the snow was very heavy and the sun peeked thru. The net result was that the skiers could not determine the order of their performance, but still were able to compete.

Price Star

The race was won by an accident which took one of the team members, Pete Price, suffered. As he traveled his slope when he was hit by a skid in some rocks.

We highly recommend you take in the Tech Skiers at Stone Valley. It is one of the most important track meets of the season and a fine opportunity for the skier-keeper to see the work of his team.
IRE To Elect New Officers Monday
The IRE will hold its election of officers Monday, April 10, in Room 612 Arco, at 11:30. The officers to be elected are the Chairman and Secretary. The seeking office who would like the name of the IRE member for electronic purposes should send his name to Room 37 Dolezay.

Also at this time there will be a talk by Bernard Wallace of RCA on the Television and Graphon, new developments in cathode ray tubes. The Villains is a selection pickup tube and the Graphon is used in color.

STUDENT HOUSES
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should be added to a reserve fund for any major emergency.

In case there is any excess of income from the student houses, the money has always gone into this reserve fund and never into anything else.

War Surplus
By 1917 there was accumulated in the reserve fund about $125,000. In large part this accumulation was due to the minimum amount of repair work which could be done during the war years when the houses were occupied by the Navy.

During 1927, 1928, and 1929, the reserve was dipped into for repairs in the house of $5,000. This year it is expected that an additional $15,000 will be spent on the reserve fund, $5,000 of which is for the new game room in the west room.

During 1937, 1938, and 1939, the student houses were operated at a loss which amounted to about $30,000. This money did not come out of the reserve fund, but was provided from general Institute funds and not from other auxiliary enterprises.

It was pointed out that the building and grounds department has nothing in its budget for the Student Houses. All work done in the Houses by Building and Grounds is charged to the student house operations.

Mr. Hertesstein stated that as far as the student houses are concerned, Building and Grounds acts like an outside vendor on an actual cost basis and that Building and Grounds charges, as a rate, are less than an outside organization because its operating costs are lower. It is designed to save the students' money.

Any Books?
It was emphasized that if there is a legitimate gripes about anything, the students should let their house presidents know, so that any injustices may be brought to light.

TECH SKINZERS
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to be much doubt about the out-

The seminar, E-200, will continue throughout the term every afternoon, with leading engineers and scientists from the field of sound as speakers.

FROSH SPORTS RUNDOWN
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this race, incidentally, Oxy set a new conference Fresh record. The Bile Bakers took another second in the sprint relay as Faro and Walker in the 200, Trogues in the 440, and Johnson in the 880 were timed at 3:00.3. Faro placed third in the chase behind Oxy's 1:15.3 time. In 150 with a 1:01, fourth of a second behind the winner. He also took a fourth in the usual jump. At the game fourth in the shot put.

Our Fresh Men completely away with the Westpoint. Fresh squad in defending them. The winners in the Westpoint events were first—Palmer Smith, 120; Brown, 440; Elyar, 81, 446; third—Jim Albin, 446, fourth—Bob Wood, 880; Brown, 195; second—Dick Ireland, 64, 60; and eighth—Tom Emsley, 66, 60.

The first double was won by Smith and Ireland, 66, 60; the second by Emmsley and Wood, 60, 64, and the third by Bill McCarrick and Paul Langdon, 64, 61.

INTERVIEW SCHEDULE
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for our fresh men, it'll be Oxy's best ever.

The first question of the series will be that of the Fresh Men's Tryout, held last week. May 7 members are in above brackets. The second question of the series will be that of the Fresh Men's Tryout. The third and final question will be that of the Fresh Men's Tryout. The fourth question of the series will be that of the Fresh Men's Tryout. The fifth question of the series will be that of the Fresh Men's Tryout. The sixth question of the series will be that of the Fresh Men's Tryout.