

California Tech

Associated Students of the California Institute of Technology

Volume LXI

Pasadena, California, Thursday, April 7, 1960

Number 23

'Moon' Shines April 20-23

Bit Players Face Tryouts Tuesday

BY KEN SCHOLTZ

The traditional contest for the smallest part in the ASCIT play, "Dark of the Moon," will be held on Tuesday, April 12, after dinner in Blacker courtyard. The contest will be judged by the women cast in the play — all 15 of them. As in the past the applicants will be asked to demonstrate their fluid capacity and to display the egg-carrying ability of their navels. The judges will also rank the contestants on the basis of manly beauty. All seven houses have been asked to enter candidates.

The winner will play the part of Brother Leafy, a member of the congregation. Although he has only one solo line, he also takes part in many crowd scenes.

"Dark of the Moon" will run for four nights, April 20-23. It will be staged in Culbertson on the floor of the auditorium and on the stage. Seating will be horse-shoe style on the main floor and in the first row of the balcony. Tickets, which are now on sale for \$1 can be obtained at the Y and from assorted House social chairmen.

The people of the community can be classified, en masse, as one of the protagonists.

The play contains musical numbers, both singing and ballet, as well as the scene of mob violence that is the dramatic climax of the play.

Ostensibly, "Dark of the Moon" is the story of Barbara Allen, from the folk song of the same name. In fact, it becomes an investigation of the various facets of the human mind, particularly the evil. These dark sides are represented by witches and the supernatural on one hand, and by the very natural, in the form of mob violence, on the other.

Register To Vote

Voter registration for the California State primary elections will end April 14. Those persons over 21 years old, and meeting residence requirements may register at room 101, Pasadena City Hall.

Steve Allen Visits Caltech, Hits Timid Networks, Censors

BY GEARY YOUNCE

Steve Allen was on campus Tuesday. I got to meet him. You may have, too. He is a very pleasant fellow, and interesting to talk to.

He arrived at 11:45 and had lunch in the Athenaeum with a few Philosophy students. At 2:00 he spoke in Dabney Lounge about censorship in television, and on the general topic of better and more intellectual programs for television. This was followed by a question-and-answer period, which was concluded when students began to get up and leave for their 3:00 classes.

Mr. Allen was thirsty, as were we all, so we ambled over to the Greasy where discussions were continued over cokes and fruit juice. We had some free time, and he wanted to see the



Shown rehearsing for "Dark of the Moon," this year's ASCIT play, are Steve Langley, Art Robinson, Becky Salsido, Tammy Kirk, and Claire Shelley.

EPC, Photo, Election Chrm. Chosen Soon

Applications close Monday night for three ASCIT appointive positions: membership on the Educational Policies Committee, Head of the ASCIT Photo Division, and Chairman of the Election Committee. Give name to John Golden, ASCIT business manager, in Dabney.

All applicants will be interviewed by BOD members and the present office holders of the jobs sought. Appointments will be made by the Board at a later meeting.

The EPC will be a nine-man committee. Only 11 applications have been received to date. There are at present two applicants for the election chairman and only one to head ASCIT photo.

The following Monday, April 18, is the application deadline for Big T editor and Big T business manager. No applications for either of these posts have as yet been filed.

Seniors Face Draft Danger

Caltech seniors are in danger of being drafted if they do not take the Selective Service College Qualification Test. Applications for the test, to be given on April 25, must be postmarked by midnight tonight.

Dr. McCormick, Associate Professor of Civil Engineering and member of the Alhambra draft board, points out that the danger may be avoided by taking the Qualification Test. Most Technicians should have little trouble with the test, but the only other way to obtain an official student deferment is to be in the top 25 per cent of the senior class.

When the student is asked to report for his pre-induction physical, he can be sure that his number is almost up. He can then apply for a deferment. If his test score is on file, he will have no trouble, but tests are administered only once a year.

Applications and further information can be obtained from the Selective Service office, located at 553 S. Lake Ave., in Pasadena.

synchrotron. We moseyed on over (the day was hot) and ascended to the visitor's gallery where he examined sketches and listened to explanations of the machine's workings.

We went down to the floor for a closer look and climbed to a small platform for a good view. He leaned over the railing and listened with eager interest to the explanations of Prof. Walters, here and there injecting a question.

Steve Allen is interested in many things besides his TV program. He is also in movies; he writes jazz, does recordings, and writes. He spends time talking to groups such as Caltech, and is active in the Committee for Sane Nuclear Policy.

Most of our discussion Tuesday was made at the level of present TV programs. Mr. Allen felt (and nearly everyone agreed

with him) that there are not enough intellectual and artistic programs on television, and that when one is put on, it is buried at an unfavorable time like 4:00 in the afternoon.

Sponsors are not willing to back these "higher class" shows, and networks are unwilling to give them a favorable time on the air. The networks' sensitivity to criticism was also discussed and generally frowned upon.

For example: Steve Allen planned to use a serious round-table discussion in his show. The subject was "Punishment," and the panel members were cast as famous men in history, such as Aristotle, with their opinions taken from their actual writings.

One of the men was violently opposed to capital punishment. (Continued on page 3)

Debate Tourney Set At Caltech, Paz-Naz

The Pi Kappa Delta 1960 Regional Convention and Debating Tournament will be held at Caltech and Pasadena College. The debate meet will begin next Monday morning and run through Wednesday afternoon.

About 30 college teams from Pi Kappa Delta's Province of the Pacific, which includes colleges in California and Arizona, will participate in the tournament. Dwight Thomas, Tech debate coach, will be co-ordinator of the tournament.

There are 15 members of Pi Kappa Delta at Caltech. President Dave Jefferson heads the campus chapter; other officers are Clever Moler, vice-president, and Kip Thorne, secretary.

SUPREME COURT TOPIC

This year's topic for debate is, "Resolved: That Congress should be given the power to reverse decisions of the Supreme Court." According to Pi Kappa Delta president Dave Jefferson, this topic has proven a one-sided one for debate. As far as he knows, a team supporting the affirmative has won a debate only once this year in preliminary meets.

Pi Kappa Delta holds regional conventions every other year. On the alternate years a national convention is held. Next year a national convention will be held at Stillwater, Oklahoma.

Last year Carl Hamilton and Carl Rovainen represented Tech at a national convention of Pi Kappa Delta.

SCHEDULE

The schedule for next week's tournament is as follows:

Monday, April 11: 8:30-9:30, registration for convention and tournament, Pasadena College Student Center; 9:30-10:30, opening business meeting, Student Center; 10:30-12, debate round I, discussion round I; 12-1, lunch; 1-2, draw for extemporaneous speaking round I; 2-, extemporaneous speaking round I; 3-4:30, debate round II; 4-6, debate round III, discussion round III.

Tuesday, April 12: 8:30-10:30, debate round IV; 10:30-11:30, oratory round I; 11:30-12:30, business meeting, Student Center; 12:30-1:30, coaches' luncheon, student restaurant (Crusader Club); 1:30-2:30, draw for extemporaneous speaking round II; 3:30-5, debate round V, discussion round III; 5-6, oratory round II, 7, convention banquet, Caltech Athenaeum; 9, Pi Kappa Delta Ball (semi-formal) Athenaeum.

Wednesday, April 13: 8-9, draw for extemporaneous speaking round II; 9-10, extemporaneous speaking round III; 10-11:30, debate round VI; 11:0-12:30, oratory round III; 2-3:30, business meeting and awards, Student Center.

Theologian Seifert Visits Tech; Y To Sponsor Four-Day Stay

Dr. Friedrich Seifert, a former member of the Hitler Youth who holds a ThD in Old Testament theology from Pacific School of Religion, will be on campus Tuesday through Friday. His visit will be under YMCA auspices.

Seifert is 28 years old, and was born and raised in Germany under the Hitler regime. Like almost everybody else in his age group, he belonged to the Hitler Youth, but he dropped all Nazi connections after the war. He attended the Universities of Tübingen and Göttingen, and graduated from Heidelberg in New Testament theology.

He came to America to attend PSR in Berkeley on a Fulbright Fellowship, and graduated last spring. He returned to Germany, and after a stint as Morals Officer in charge of young truckers at a large commercial dairy (he persuaded them to play soccer instead of fighting U. S. Army non-coms in pubs), he came back to the United States to make a home. He is married, and would like to get some sort of academic position next fall.

While on campus, Seifert will be available for a large number of discussions on subjects ranging from theology to conditions in Germany. His official schedule includes:

Tuesday: Speak to the frosh lunch club, discussions.

Wednesday: Discussions and speech in Dabney Lounge at 7:30 p.m.: Topic, "The Use and Meaning of Myth in Judaism and Christianity."

On Tuesday, Wednesday, and Thursday at 4 p.m., he will give a seminar on Passover and Easter. Sign-up sheet is now posted in the Y office.

In another YMCA program scheduled for this term, Dr. Norman Rogers, pioneer of non-directive psychological counseling, will be on campus on April 18-20. Coming on May 2-4 is Herbert Otwell, a visiting theologian paid for by the Danforth Foundation.

Sloss IHC Scribe

Larry Sloss was chosen over Larry Brown to be IHC secretary at the last regular meeting. He will hold office through second term next year.

Moler Appointed Tech. Bus. Man.

Cleve Moler, Junior Math major, was appointed Business Manager of the California Tech by the ASCIT Board of Directors in action taken at Monday's Board meeting. Moler has been acting Business Manager since the end of last term.

Editorial

Do Something

Caltech has been depicted by many students as a cultural island, an intellectual community independent of social and cultural forces impressed upon it from without, and uninterested in subjects divorced from study here.

It is not our contention that it is wise, or that we can, force people to expand their interest horizons. But those people who are interested in expanded intellectual activity and contact with the outside world, must not let the so-called "cultural-island effect" stifle their interest.

The alternative to cultural isolation is to be an integrated part of society—where it is easy and fun to do things in other interest areas.

What constitutes an integrated part of society? We feel it is any part of that society from which changes to other parts of the same society can be made without needing radical adjustment.

Notice that this does not mean that all individuals must be homogeneously well-rounded. It means that each individual must be able to choose those segments of society which interest him, and integrate himself into these areas.

Because Caltech is what it is, interest in other areas of society leans heavily toward the non-scientific topics: politics and international affairs, domestic problems, liberal and fine arts, and—oh yes—women!

What is needed is a forthright approach in furthering your own interest. If you are intrigued by worldly opinions and events, do something constructive. Don't get bogged down in bull-sessions, blaming the school for hindering you.

Here are some specific ideas which might be fun:

Check for local forums and speeches on a variety of liberal arts topics. Suit your own taste. Local schools (U.S.C., U.C.L.A., Pomona, Redlands) have many interesting events.

Watch the papers for theater and music programs. Many are interesting; pick a few that interest you.

A local specific. Allot some time and visit the Huntington Art Gallery and Museum. We'll wager that not one Techman in ten has seen this world-famous showplace.

Going to grad. school. After picking a number of schools that suit your interests and abilities, try and get one situated in a "cultural area," such as Harvard in Boston, or Columbia University in New York City.

Women: Try a bold approach for a change. Centuries of Techmen have proved empirically that the shy approach doesn't work.

Take a positive approach; don't throw in the towel!

—tt

Reminder --

'Free' Phone Calls

There has been an increased number of toll and long-distance telephone calls that have been made and not reported to the telephone office.

Toll calls also include all extended-service calls whose prefixes are not listed in the directions of the campus telephone directory.

The Institute has to pay for all those personal calls which have not been reported. Any individual who makes such a personal call and fails to tell the operator is, in effect, stealing from the Institute.

Remember that the honor system governs our dealings, not only with each other, but also with the Institute.

Either use pay phones, or **make sure** that every toll call is reported to the telephone operator. This should be done by dialing 19 during the day. If the switchboard is closed, a night slip should be signed, or the call should be reported to the toll operator (Dial 19) the next day.

BY CLYDE ZAIDINS
ASCIT VICE-PRESIDENT

California Tech

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Editors

Tom Tisch, John Todoroff

Editorial Staff

Roger Noll & Lance Taylor, Feature Editors

Matt Couch, News Editor

Lee Molho, Makeup Editor

Gary Chamness, Bob Koh, Ken Larson, Pete Metcalf

John G. Price, Dave Pritchard, Pete Rony

Photos: Dick Thompson

Business Staff

Cleve Moler, Acting Manager

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Letters

ExcommEyed

Editor, The California Tech:

As the choosing of the 1960-61 ASCIT Executive Committee gets under way, I would like to point out a few ideas to guide in selecting this group.

We all know that a keen awareness of student attitudes is an important attribute of an ExComm member. In addition, though, he should also be aware of the ideas and opinions of the faculty. It is the relationship between faculty and students which presents the largest number of questions for consideration.

The committee members should realize, as too many of us seldom do, that faculty members can be of real help in offering ideas and advice on specific student body problems.

A potential ExComm member must also have an awareness of the outside world, as distinguished from the nearly closed Caltech system.

ExComm has been defined as "a high-level discussion group." However, there must come a stage where the discussion is backed up by research and given in reports and recommendations to other groups, students and faculty.

The new ExComm member should understand this part of his responsibility and be willing to spend some time and work translating talk to results — results which we confidently expect will have a real effect on our future at Tech.

GARY CHAMNESS

A.C.T.I.O.N. Asks Awareness

Editor, California Tech

We hope that by now most people around school will be aware that there exists something at Caltech called A.C.T.I.O.N. We would now like to explain a little better why we felt that A.C.T.I.O.N. was needed. It appears to us that the current apathetic attitude here at Tech and other colleges has reached a point where even the most vital issues of the day can't arouse the ordinarily hungry minds of college students. This is unfortunate in two respects.

There is little doubt that there will be a substantial number of Tech graduates who will some day be in important scientific or administrative positions. There will certainly come a time when these men's opinions will be asked for and valued. And if the rest of us aren't to be the nation's elite, we will certainly be important in our communities.

If this is the case, how well are we preparing ourselves now to meet the non-scientific and non-technical problems which we will surely encounter? A.C.T.I.O.N. feels that we are not getting the most out of ourselves and proposes to improve this situation by cooperative methods.

The other unfortunate consequences of our attitude is perhaps harder to accept. A.C.T.I.O.N. believes that it can exert some positive influence on the affairs of the day. People are interested in what we have to say and are anxious that we say it.

These are a few of the reasons why A.C.T.I.O.N. was formed. We intend to proceed from here in an impartial, inquisitive and questioning manner. Our goal is to learn and to pass on our knowledge. By now you essentially know what A.C.T.I.O.N. is. If you are interested in A.C.T.I.O.N., please contact either Bruce Abell (Lower Throop SY. 9-5810) or Joseuh Heller (Lower Throop, SY. 5-0114).

Bruce Abell, Bill Bauer
Eli Chernow, Barry Gordon
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Opinion

Tech Campus Needs More Psychologists

BY ROGER NOLL and LANCE TAYLOR

Caltech should hire more psychologists. The reasons are these:

Caltech students live in a very atypical environment. The characteristics of Caltech are unique, and they foster unique problems; to be attending a boys' school is bad enough; to be attending a high pressure boys' school is worse still. Life at the Institute lacks variety, and slips easily into the small world of all work and no play.

To help cope with this problem, and manifestations of it, the administration last September hired a psychologist, Dr. William Kirtner, to be a full-time counselor for those who would choose to see him. So far his appointment schedule has been jammed — it is practically impossible to talk with him more often than once every two weeks. This is not frequent enough for competent diagnosis, let alone proper therapy. And even with this crowded agenda, only a small part of the student body is visiting him.

PSEUDO-PROBLEMS

According to Dr. Kirtner and a large portion of student opinion, nearly every student on campus could receive definite benefits from interviews with a psychologist. The combination of academic competition, virtual celibacy, and drab monotony that pervades Caltech life creates psychological "psuedoproblems." Although in a more normal environment most Caltech students would be relatively well-adjusted they have trouble adapting to conditions here.

For this reason Caltech students need someone apart from the campus system with whom they can speak freely. The mere act of baring one's soul to a sympathetic listener is positively therapeutic, especially for the intellectually aware people who attend Caltech. If the listener is well trained in dealing with human problems, the value of such sessions is increased many fold.

Discussions with other students suffering from the same problems are of little or no value — nor are conversations with platitude-quoting deans, blind to the faults of the system they have served so long. Well meant suggestions from 117 Throop to make a schedule and study more are hardly the solution to mental and emotional problems.

The opportunity to visit, and visit frequently, a qualified psychologist should be provided to every student. The Institute should seriously consider adding two or three more psychologists to the full-time staff at the Health Center.

Aside from helping individual students with their personal problems, a good consulting staff could be of even more value by

President's Column

Intellectual Interest Expands

It has long been a popular opinion in certain quarters that the interests of Caltech students are, in general, confined within the extremities of this campus (with, of course, occasional recreational side trips to certain other schools in the area).

This limitation upon the intellectual interests of Techmen has been expressed so many times, and for so many years, that it has become somewhat of a tradition; and, like all traditions, it has tended to perpetuate itself. However, as is the case with most beliefs of this type, its basis in fact has become less and less secure.

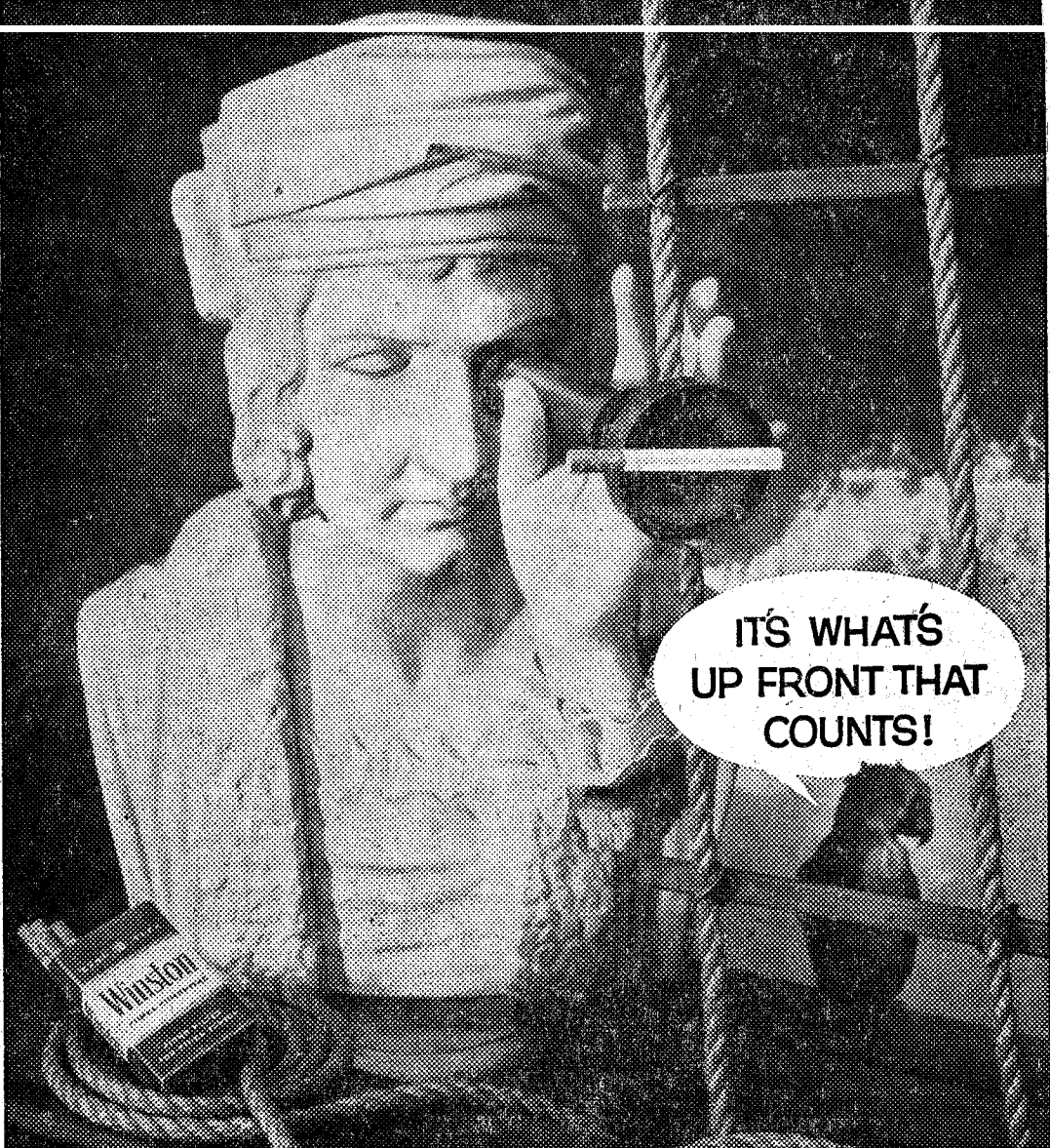
The only well-attended meeting of last year's Board of Directors, for example, was the one at which the loyalty oath resolution was discussed. Although there were many criticisms of this meeting, as well as many disparaging opinions concerning the quality of its discussions, the fact remains that general student interest was at a higher level during that week than at any other time throughout the year.

Other hopeful signs are the excellent work of the YMCA and the appearance of a new organization, known as A.C.T.I.O.N., which is a group of students actively interested in important national and international issues.

The ASCIT organization, representing the entire student body, is potentially the most important focal point of student opinion on all general issues, whether dealing with campus or international affairs. This point will, it is hoped, be located in the Executive Committee. Within the next two weeks, the new I hope the encouraging signs of the past few months will be followed by others.

William R. Bauer
ASCIT President

Columbus discovers the Winston Hemisphere



“Flavor, Ho!” The Admiral Shouted As He Sighted **FILTER-BLEND**

From the Captain's Log...

One Day Out. Weighed anchor and set sail in search of a filter cigarette that really tastes like a cigarette. Crew thinks this is wild goose chase.

One Week Out. Have sighted many filter cigarettes and smoked same. Crew still thinks the world is flat.

One Month Out. Discovered New World of smoking pleasure:

Winston! It is the only cigarette with a modern filter *plus* Filter-Blend — rich, golden tobaccos not only *specialy selected*, but also *specialy processed* for filter smoking. Crew now thinks this is a pleasure cruise.

One Year Out. Crew has mutinied. Refuses to go back to the Old World (non-Winston Hemisphere). I agree. Therefore I am founding a colony called Filter-Blend. Colony's motto will be:

Winston tastes good...like a cigarette should!

R. J. REYNOLDS TOBACCO CO., WINSTON-SALEM, N. C.

Allen

(Continued from page 1)

The network cut the round-table out of the script because they were afraid that the public would link the script with the Caryl Chessman case, and feel that it was written for propaganda on his behalf.

Those of us who listened to him speak, and talked with him, were refreshed by his personality and his views. Those of you who didn't, missed out on something good.

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Varsity, Frosh Swim Teams Improve In Win Over CMC

BY PETE RONY

The Caltech varsity swim team split a pair of meets last week end, maintaining a clean slate in league competition with a victory over Claremont-Harvey Mudd, but losing to a non-league opponent, Long Beach State.

The high spots of the C-HM meet for Caltech were the two relays. Gary Turner, Marshall Buck, Bill Howard and Pete Rony teamed up for a time of 4:19.0 in the 400-yard Medley.

This is only 1.2 seconds off the league record set in the conference championship meet last year by Caltech. The above group should reach a time of 4:17, which will almost assure them of a first or second place in the league finals. The 400-yard freestyle relay team recorded a season's best of 3:50.2.

In the 200-yard backstroke, Doug Dunham turned in a personal best of 2:43.5, while taking second place and defeating his teammate, Roger Bland, by .1 of a second. Doug's improvement in the past three years is an excellent example of what some hard work and a little persistence can do.

While being outclassed in the duel meet with Long Beach State, the somewhat pale Techmen nevertheless succeeded in recording several good times. Gary Tibbits had season's bests of 2:16.4 and 4:59.0 in winning the 220 and 440-yard freestyle events. Marshall Buck tied for first in the 200-yard breaststroke with a time of 2:34.3, while Gary Turner won the 200-yard backstroke in 2:29.7. The final score

was 32 to 59.

The Caltech frosh enjoyed continued success, as they defeated a group of five stalwarts from C-HM by a score of 64 to 11. Almost every member of the team showed an improvement over his previous best. While losing to Bruce Chesebro in both events, Mickey Newton nevertheless recorded fine times of 25.7 and 58.8 in the 50- and 100-yard freestyle, respectively.

Larry Daubek and Pat Manning improved their times by an average of four seconds per event, while Jay Russo and Al Huber succeeded in reaching the three-minute mark in the backstroke and breaststroke, respectively.

This Friday at 4:15, the frosh and varsity will take on Whittier at Caltech in the third of their five league duel meets.

Announcements

BUDGET REQUESTS

Organizations desiring ASCIT money should contact Sid Leibovich before next Monday's Board meeting, the final date for consideration of requests.

SAILORS

The Sailing Club meets tonight at 7:30 in 206 Eng. to elect officers.

TOTEM

Literary contributions for Totem should be submitted to Dave Benson, Blacker, by May 6.

PHYSICS CLUB

The Physics Club meets tonight at 8 p.m. in 102 B to elect officers and vote on joining the American Institute of Physics.

MANAGEMENT TRAINING

Anyone wishing to attend a management training course, sponsored by the National Training Labs, from August 12 to 26, in Maine, should contact Dave Pritchard in Blacker.

MOCK CONVENTIONS

There are a few vacancies left in both the Republican and Democratic delegations which will represent Caltech at the mock political conventions to be held on Friday, April 22, and Saturday, April 23. See Steve Hechler in Dabney or Eli Chernow in Fleming.

represent Caltech at the mock political conventions to be held on Friday, April 22, and Saturday, April 23. See Steve Hechler in Dabney or Eli Chernow in Fleming.

LIBRARY HOURS

Humanities Library

8 a.m.-6 p.m., 7:30-11. Mon.-Fri.
9 a.m.-12 m. Sat.

2-5:30, 7:30-10 p.m. Sun.

General Library

8 a.m.-6 p.m., 7:30-11. Mon.-Fri.
9 a.m.-12 m., 1-5 p.m. Sat.

Interview Sked

April 7—Burroughs' Electrodata; Dymec Div., Hewlett-Packard, Jrs. up; Michigan University Research Institute.

April 11—Engineering Center, Juniors up, summer.

April 12—U.S. Semiconductor Products; Union Oil, Jrs., up, summer.

April 15—Gilfillan Brothers.

April 21—Raytheon Mfg. Co.

April 25—U.S. Rubber Co., Research Center.

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"THE LAST ANGRY MAN"
Paul Muni

Beavers Outlast Riverside, Take Close Match

Tennis

A victory in a two-and-a-half-hour doubles match provided the point that Caltech needed to defeat Riverside, 5-4, in a tennis contest last Thursday. Dave Butterfield and Dave Zimmerman teamed up to win the final match of the day: 6-3, 5-7 and 11-9.

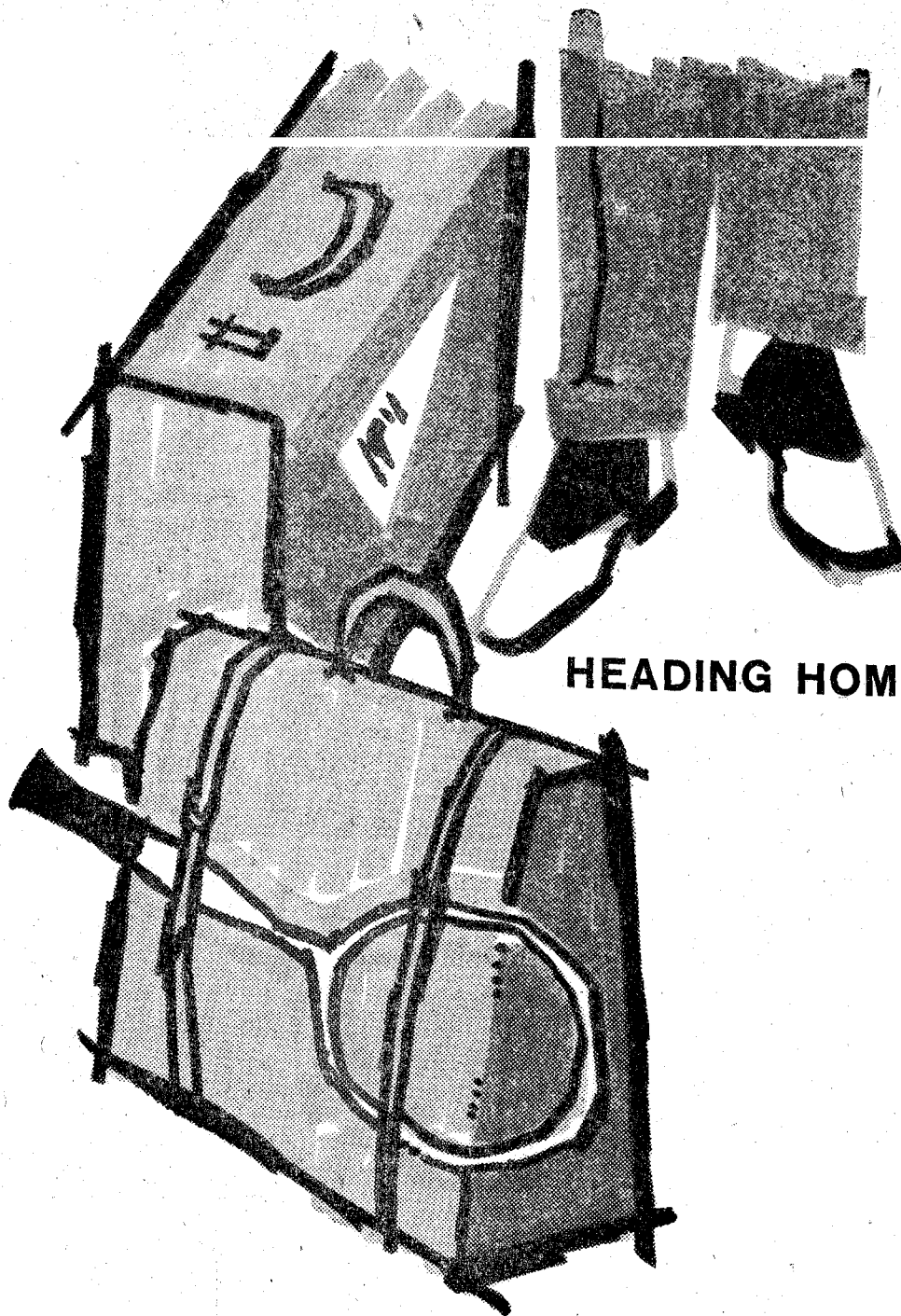
Dick Hess easily won the first singles match, 6-3, 6-0. Cedron Jones, Steve Hechler and Bob Hearn won their respective matches to put Caltech ahead, 4-0, and the match looked sewed up. Then Riverside came back to defeat Carl Morris and Dave Butterfield in their singles matches.

Needing only one doubles victory to win the match, Caltech lost the first two. Both Morris-Jones and Hess-Wilson were upset; 6-3, 3-6, 6-3, and 0-6, 6-1, 6-1, respectively. At 4:45 the deciding match was started. At 7:15, the marathon was finished with Butterfield-Zimmerman as victors.

Saturday, the Beavers were scheduled to travel to Riverside, but high winds forced postponement of the match.

This afternoon, the racketeers take on defending conference champions, Redlands. The match will probably be decidedly one-sided, with the Beavers on the wrong side, but they have been improving steadily and could put up quite a battle.

What does A.C.T.I.O.N. stand for? Your answer might win a year's subscription to a news magazine of your choice. Submit answers to A box, Lower Throop, this week.



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