In YMCA Discussion

Latter, Press Favor A Policed Test Ban

BY TOM TISCH

"The Soviet scientists at the Geneva talks on the nuclear test ban plan did not start to agree according to scientific beliefs. Their attitude was, "We understand what you say, but we refuse to agree with you."

Thus said Dr. Albert Latter of Rand Corporation in a discussion with Dr. Frank Press of the Caltech Radiation Lab and about 20 students Monday evening in the YMCA lounge.

Both Professor Latter were members of the U.S. negotiating team at Geneva. Latter is noted for his authorizing with Dr. Teller of the book, "Our Nuclear Future.

Questioned about current negotiations, Press said that the U.S. is asking for 100 detection stations and 100 random inspections of measured disturbances — to see whether they are natural or man-made.

Press and Latter both emphasized that this number was insufficient, but that the U.S.

should stick to its guns with these figures and make the Russians give up its nuclear test ban. U.S. tests have shown that using Rand's "decoupling technique" blasts up to 100 kilometers can be disguised as natural disturbances.

Neither will we find any reason to believe that Russian weapons are inferior, but we cannot afford them, to give any advantage to the eastern powers.

Latter is definitely in favor of a test ban. Yes, is the answer, providing there are adequate methods for policing the ban.

Press, likewise, is in favor of a nuclear test ban — at least an above-ground test ban — if it is in no way endangering the security of the U.S.

Press raised the point that perhaps the U.S. does not want to give up its nuclear weapons. The West must remember that, for man, for man, it is not for the U.S. Press agreed that it would be suicidal for the West. For then, the Russians could continue testing, favorably in the light of world opinion, and build a commanding lead.

There is no question, apparently, but that the U.S. must prevent a nuclear war. Presently, in the light of world opinion, the Russians could do this. It will come — perhaps a first step to peace.

APPLICATIONS

— For Camp

Applications are now being received for counselors at the 1969 New Student Camp. The deadline is Monday, January 26.

Counselors will be selected before the election and appointment of February and third terms so that, according to ACTC president Tom Jove, there will be no ex-officio appointment this time.

Thirty counselors will be chosen by a committee of seniors who were present at the 1959 camp.

In particular, Jove hopes that prospective counselors will confirm their plans to do college work during the summer time.

Dance Everybody

The Folk Dance group will meet in California at 7:30 p.m. on Sunday.

Wanted: More Volunteers To Move To New Houses

06 Off-Campus Applicants Sought

Demand for rooms in the three new student houses is far short of the figures predicted for "The College House Committee report. Sign-up lists, open Monday morning, showed only about 20 people have volunteered to move across the street from one of the present houses.

Dr. Robert Ruttenback, Master of Trustees, and Mr. Jovin, particularly that all off-campus students who want a room should sign one of the new House rosters in his office before tomorrow.

The light demand from present off-campus students who have made it impossible for Ruttenback to make any attempt to determine an ideal distribution of classes among the seven Houses, and to draw quota lines determining the number of students and the number of members who must enter or leave any particular class in any particular House.

It is still hoped that enough people will volunteer to move across the street so that the houses can return near very near to their designed capacity next fall with the only double rooms in the present large double.

The selection distribution is that each House should have an equal number of students from each of the seven schools, with a deviation of not more than 16 per cent deviation from these figures. Those who are close for the 1960-61 House are asked to move to the 1961-62 House.

Ruttenback hopes that present House members will co-operate by volunteering so that they will be forced to draw lots to decide who moves. (Present juniors should be exempt from any such forced move.)

Also, any student desiring a room in the undergraduate House next year should sign one of the new House rosters in his office before tomorrow afternoon.

Student body graduates total 14.

Two File For Frosh Office

Two candidates have filed so far to contest seven freshmen class offices in an election set for next Tuesday. The two are Henry Abradish for president and Richard J. Sagawa for treasurer.

Other class offices up for election include vice-president, two board of Control memberships, and athletic manager and secretary.

Incumbent freshmen officers: Ron Drummond, president; Lee Samuelson, vice-president, two board of Control memberships, and athletic manager and secretary, and Sagawa, treasurer, were appointed by the DOD at the beginning of first term. Tuesday's election will be for their replacements.

Any fresh interested in running for office should either nominate themselves or have some one do it for them. Nominations should be addressed to Dick Norcini, Head Frosh, Kibbe, Boxer, as soon as possible.

Last Chance Set

Last Big T picture-taking session at the Club and off-campus students will be tonight from 7:15 till 10 in the Big T office.
Letters To The Editor

loyalty, Cheers, Hi-Fi
• A Reply
Editor, California Tech
In last week's California Tech you printed a letter declaring the "anti"s of one of the members of Caltech's Yell Squad. I don't intent to defend myself, as I don't think I'm a particularly good cheer leader, but I would like to say something about the support such self-appointed people as "Emarrassed" have been giving our athletic teams.

Last year, for the first time, the Pep Band, a sub-organization of the Caltech Band, traveled to away basketball games. During the season, I happened to ask one of the players if this made any difference to the team. His reply was emphatic: the boys in the band screamed, clapped, yelled, and cheer. When the team is on the court they don't really hear what's going on in the stands, but they are always conscious of the vocal support — so much so that lack of it affects their play.

This year the Yell Squad deserted to attend basketball games in order to organize some sort of support (only one leader will attend away games). At Claremont, in a tight game, the game was not that an awkward cheerleader led a "juvenile" cheer during a time out, but that a good-sized Tech crowd was sitting practically silent in the stands while the Stags, without the nucleus of band or cheerleader, were receiving active vocal support and closing the gap.

In the December issue of "Engineering and Science," Brad Eron dug several editorials out of "Thrupp Tech" depicting this same type of thing. I guess it hasn't changed except that somehow we've even lost the voice depicting "Really Care."

If the Men of Tech want good teams playing "alive" ball, and good leaders, let then give us some support. When someone can do a better job than I (and I'm sure many, many can) is willing to come out and try, I'm just as willing to step aside.

DOHN SHILDKRAT

Stealing Is Topic Of Second BOC Article

BY BOB THOMPSON

The purpose of this article is to describe the pertinent aspects of the problem of thefts on the Caltech campus.

Although the writing of various articles does occur, the most common thefts involve cash taken from unlocked rooms. Such a theft usually occurs in the early morning hours or during the evening meal, and the money is taken out of a wallet left on a desk or in a pair of trousers lying in the room. In some cases a very short time, as little as five minutes, was available in which the theft took place, and in a few cases the rooms in question were locked. Particular alleys were noticeably hit harder than others, and there is a discernible weekly pattern to such thefts where they occur in sufficient number within a limited period of time.

The beginning and end of first term and the end of the school year are the described times for stealing, and there is reason to believe that at least some of these thefts are the work of people outside the Caltech community. In regard to other statistics, the average amount taken per theft is approximately $25. The total amount which the present Board has statistics on covers the last two years of thefts, and the amount lost to date is approximately $2500, including a theft of Hi-Fi equipment valued at $1500.

It is felt that in view of this situation a certain degree of prudence should be observed by students; money should not be carelessly left around in open rooms, nor should articles of value be carelessly left around campus.
Dohn's critic has every reason to be embarrassed.

**Letters To The Editor**

(Continued from page 2)

Editor, California Tech

Recently in the California Tech, "Letter to the Editor" column, I witnessed one of the most repulsive sights ever. Far worse than the poor editing or the even poorer advertising was the letter written by an anonymous student.

He probably would have liked to rephrase the cheer he quoted into the following:

"We're from Tech. No one could be more embarrassed. If you don't believe us, We'll let the cheer leader well by himself.

We're from Tech. No one could be more embarrassed. If you don't believe us, We'll crawl under the stands.

We're from Tech. No one could be more juvenile.

If you don't believe us, We'll write a letter to the Tech and tell it to the world.

I am reasonably enthusiastic about the articles in the Tech, and I will do my part to defend them. But this letter—in fact all such slanderous, unthinking articles can be described as juvenile. God.

**Sorry**

Editor, California Tech

After reading Pierre Sundborg's comments of last week, I decided to go to the HIIP Show and use the line suggested for getting past the three dummy demonstrators. I went to the Dyna- kit room and said, "I'm delight­ ed to see how you modified your stereo cartridge along the lines I suggested in my letter of last year. I know you fellows sold me to my face that I was p... k. I would be very grateful if Mr. Sundborg, in the future, would reveal what additional letters he writes so that I might be the exhibitors more next year.

ALLEN BERNSTEIN

**Loyalty Oaths**

Editor, California Tech

Last week's "Letter to the Editor" was pretty loopy, Moler—spoke out against the "Loyalty Oath" requirements of the National Defense Education Act. Elsewhere in the country, a vocal minority seems bent on a rather hysterical condemnation of these same provisions. I think it's time the opposition made itself heard.

Under the NDSEA, the citizens of the United States make available to students the privilege of taking out low-interest loans, which are sometimes convertible to guaranteed scholarships, to prospective teachers (who are effectively given up to 50 per cent of the cost of a four-year scholarship), science students, and so forth. In return for this privilege, the students are expected to assume a responsibility—the responsibility of loyal people and government that was made possible their education. If this loyalty is betrayed by those who would destroy our government by force and vio­

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**Bright Lights... Coffee... and Shoes**

by griffin

Last Saturday night, Throop Club had a party. A casino party with roulette wheels, card tables and anglo-dance. It was a good party. At 11:00 p.m. (it was definitely 11 because wege­ nork York had just come on) two men wearing brown shirts and gold arm bands entered the cheerful lounge, which had been made over into a ca­ sino and began to knock over tables and stuff play money in their pockets. A girl screamed. The social chairman ran up to the two men and asked for iden­ tification, whereupon the smaller one lashed out savagely, produc­ ing an obviously phony police badge. The party was over. The "police" claimed that gam­ bling, even with play money, was illegal in the state of Califo­ rnia, and confiscated the rent­ ed equipment. Several key members of Throop Club were taken away, and hadn't been heard from since. One man had entered Throop Club since the incident because of the heavy guard of brownshirts in the area. A swastika has been found on the side of the synchrontron.

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These are the silver wings of a U. S. Air Force Navigator. As a flying officer on the aerospace team, he has a career of pride and a personal meaning, rewards and executive opportunity. The Selection Program is the gateway to his career. To qualify for this rigorous and pro­ fessional training, a high school diploma is required; however, two years beyond high school is highly desirable. Upon completion of the program the Air Force offers the collective growth and training he so longs for, so he can better handle the responsi­ bilities of his position. This includes full pay and allowances while taking off-duty courses un­ der the Bootstrap education pro­ gram. The Air Force will pay a substantial part of all tuition costs. After having attained enough credits so that he can complete coursework, he is then expected to commit to a flying commis­sion in the Air Force. If he still finds himself without a commission, he can so better handle the responsi­ bilities which is now to his future. This includes full pay and allowances while taking off-duty courses un­ der the Bootstrap education pro­ gram. The Air Force will pay a substantial part of all tuition costs. After having attained enough credits so that he can complete coursework, he is then expected to commit to a flying commis­sion in the Air Force. If he still finds himself without a commission, he can so better handle the responsi­ bilities which is now to his future.
Professor Reviews

BY ROBERT ALLEN
Visiting Professor of English

The current issue of "Potem," from its arresting cover and well-designed title-page to the poems which it contains, is one of the most interesting pieces of its kind in the English language. The issue is a milestone in the history of the magazine, an achievement which is not always plausible, but this is clearly borne of the frustrations of the writer.

The language used in the short story "The Young Man and the World of Sense and Sensory Experience" is not only precise, but also vivid and clear. The young man is a character whose physical struggle for survival is clearly presented. The story ends with a short paragraph in which the young man says, "I am an artist, and I will create my own world." The story is a masterpiece of literary craft, and it is worth understanding how it was written.

The other prose piece in this issue of "Potem" is a short novel that tells of a young man made by a veteran of World War II. Mario planned it so, he is guilty of a mannerism not at all in keeping with the kind of voice he uses. The young man's becoming lost, and his desperate struggle to find his way back, is essentially linear in spite of a few flashbacks, and the most exciting parts of it deal with his physical struggle for survival.

KEFFER'S SYMBOLISM

In the other poem, "The Passing," Hugh Kieffer takes not only the word of a world in which sense triumphs over thought, self triumphs over personal, and miracles are no longer possible. Mr. Kieffer frequent use of ellipses does not make for easy reading, but it produces the intensity that always goes with an attempt to make full use of the created personalw he uses as the sym bols. (At one point in the poem Mr. Kieffer says, "I have no sym bolism." Do not take this seri ously. He has lots of sym bolism.) The verse moves with a rush that carries the meaning over or through the grammatical elements that are left out and the same insistent tempo injects energy into the main thrust of the poem. Without taking it too seriously, the poem manages to be subtle, amusing, and serious. "Potem," I should add, is for a very specific quality of the editors could lay their hands on it.

Bright Lights (Continued from page 3)

Kim Dikert rep told me that they were spending $3,000 to put on their relatively modest exhibition. Two show officials com plains that public attendance was somewhat disappointing. Apparently fewer people drove to the ambassador Hotel than came to the crowded Biltmore last year. I suspect that the show's location had a lot to do with this.

And, man, it was noisy there. The "soundproof" booths weren't. The University people put a ceiling of M1 fiberglass on their room, but that didn't help much. On this score, the 1965 show at the Ambassador Hotel was much better, as each company occupied its own separate little cottage. The background noise was much lower, and listening was possible. The Far Pacific was a flop, soundwise.

My guess is that next year will either see a move back to the ambassador Hotel or total ind of the show. Several past exhibitors, such as Klipsch and Weather, didn't even open up this time. The show can be a valuable thing, but not as it was run last week.

Well, here are some comments on what I learned at the show. I had an experience. Some of you who went to the show and disagree with me or have something to add. (See Letters to the Editor for a First Installment.)

The AF took all troubles. The amplifiers they were using, McIntosh, if I remember correctly, were putting out more distortion than music. AF did have lots of information sheets on their new models, though, so it wasn't a total loss.

Audio Kieffer's demonstration was the highlight of the show, as usual. AF used 12 Jensen speaker systems, six on each side, to put a lot of sound into their room. They played a good variety of records, most of the...
Cal Poly, Pomona Beat Tech; Oxy, Whittier Loom Ahead

Friday, Saturday and Tuesday loom as big days for the Caltech basketball team as the Beaverers face two conference foes, Oxy on Friday, and Whittier on Tuesday, plus the Beaverers' previous victim, La Verne, on Saturday.

The week-end games are at Caltech, while the Whittier game is away.

Occidental has been hot and cold this year, depending on the ability of their two guards, Murphy and Oates, to stuff through the points. When either of them are cold, Oxy usually loses.

Whittier has the same tall, experienced squad that won them the conference crown last year, led by Mason, Hooks and Johnson. The Poets lost only one guard from their starting team last year. Whittier has not, however, jelled quite as effective as was expected this season, having lost last weekend to Redlands after blowing a big halftime lead.

CAL POLY WINS—74-65
A tall, mobile forward wall paved the way for a 74-67 triumph by Cal Poly Tuesday on the Beaver hardwood. Leading by a scant 27-24 at halftime and by only 44-40 with 15 minutes to play, the rangy visitors piled up a huge bulge on the Beaver hardwood in the final minutes of the ball game.

Again topping the scoring column for the losers was Fred Newman with 22 points. A surprise starter for the first time this season was veteran guard Mel Holland, who was a regular last year but has seen limited action this campaign. With Holland to replacing Larry Brown, the starting lineup showed four seniors and one sophomore.

The visitors from Pomona folded a quintet averaging well over six feet with a 6-6 center and a 6-6 forward that were too tall for the Beavers. Coach Gene Rock elected to give his reserves some action in the exhibition tilt and went about 15 minutes exclusively with reserves in the game.

EDGED BY POMONA
The Beaver basketballers lost a heart-breaking 66-65 contest to (Continued on page 6)

Caltech's Len Malay leaps high over Pomona defender, George Zwerdling, to score two in what turned out to be a lost, though close, Beaver cause.

Fresh Sneak Past Pomona, LA Pacific

The Caltech freshman basketball team continued its impressive season last week by nabbing

Interhouse Tennis Wars Set for Sat.

Interhouse sports begin anew for the term this week end as teams from all five Houses enter the Interhouse tennis tournament. The match is scheduled for Saturday, with all three singles tournaments and the doubles tournament scheduled coin-cidentally.

Rules of play will be the same as last year, with each match consisting of 12 games, the winner of each division being the man with the most game victories.

The winning house is determined by the composite standings of its entrants.

Pre-tournament favorite has to be Blacker, with a nucleus of seniors, headed by Bob Thompson, representing lots of ability and experience. A close second to Blacker is Dabney, with a solid experienced squad. Dark horse of the tournament is Throop, which is relying on a battery of freshmen, including two high school lettermen.

Individually, the best player in the tournament will almost certainly be Ricketts' John Walsh, last year's first singles winner.

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Caltech Basketball

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Positive Bias

(Continued from page 4) which sounded superb. The live recording bit was interesting, but didn't prove much. Sidney Frye, president of the company, was his usual charming self and did much to make the exhibit a triumph.

Farcihld decided not to use sound with their exhibit. After all, what could they demonstrate sonically, since their turntables are designed to be quiet. I did pick up one bit of pleasing information. Farcihld will soon be out with a low-cost turntable, something to watch for.

High Fidelity Records passed out 46 records for free. Unanimous opinion: Their sonic value is likewise zero.

KLH had a nice exhibit and just about the best sound at the show. I was impressed with the large number of KLH's being used by the other demonstrators.

Those little boxes put out a lot of beautiful sound. My considered opinion is that KLH has AR beat for sound, although not for Madison Avenue ads.

James B. Lansing, of course, was excellent. Their exhibit showed a lot of thought and preparation. They had pre-recorded music, excellent speaker placement, and many information books. The big Ranger Paragon was the best sounding speaker I heard. If you read the following, keep it quiet, as I promised not to tell: JBL will have on the market in two months a 15-inch Acoustic Suspension speaker, similar in design and purpose to their now famous LE64. Probable price: $120. Don't say I told you.

Dynakite's FM tuner is still in the prototype stage and won't be on the market until December. Eight!

It was gratifying to see Heathkit at the show. They've been fighting it for three years. Besides all the hi-fi gear in their new catalog, they showed prototypes of two new pieces, which should be of interest. One is a stereo preamp, somewhat simpler than the SP-2, which will sell for $84.95. The other is a stereo amplifier, 14 watts per channel, for $45.56. These will be out in March.

I was favorably impressed with Shure's new M7D stereo cartridges. It sounds as good as the M3D but sells for less than $25. The only disadvantages of the M7D are lower compliance and higher tracking pressure. However, it's well suited to use in a changer, and a bargain at the price.

My vote for this show: Best exhibit: Audio Fidelity Best sound: JBL Worst sound: Philco Most interesting: the 32-inch speaker.

Basketball--(Continued from page 5) the Pomona Sagehens last Friday. Caltech got off to a very slow start, not making their first score until Pomona had counted 10 points.

The Beavers trailed throughout most of the game, at one point by 18 points, until, about two-thirds of the way through the second half, a series of quick baskets by Molay, Newman and Noll pushed the Beavers even, and then past, the Sagehens.

With four minutes remaining, the Beavers held a 63-58 edge.

Pomona immediately switched to a full court zone press on defense, which shook the Beavers up enough to hold them to two points in the last four minutes of play.

Caltech had several opportunities to win the game in the last minute, but couldn't capitalize, as the team missed several medium distance jump shots.

High scorer for the game was Roger Noll with 17 points, who had switched from his normal forward post to play center in the place of Ron Arps, who had to miss the game due to illness. Fred Newman was close behind with 16 points.

The major difficulty the local varsity had was, as in previous games, a poor shooting percentage.

The Beavers best scorer, Newman, connected on only two of 22 attempts from the field.