Conference To Probe Realities Of Outer Space Exploration

"The Realities of Space Exploration" will be the subject of a colloquium to be held March 19 and 20 on the Caltech campus. The conference is sponsored by Caltech and is under the direction of the Industrial Associates Office.

Primary purpose of the meet will be to give top ranking industrial and governmental executives an insight into the magnitude and objectives of the U.S. space exploration program, its promises and problems.

Over 250 delegates will come to the conference, about one-half of them from the Caltech faculty and JPL. Due to crowded conditions, no students or uninvited persons can be admitted.

The meeting on Friday morning, March 19, will open the colloquium with speeches on what is known about outer space. This will be followed in succeeding meetings with discussion of U.S. plans for space exploration, techniques of space exploration, and man's future in space.

The colloquium is one of a series sponsored by Caltech on current scientific problems. The last one was held in May of 1959.

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In addition to the major officers in each house, dozens of members were honored with traditional and special minor offices.

The full list of those running for office includes President—Dave Cassel; Vice-President—Stan Sajdera; Secretary—Steve Caline, Rob Heath and Al Wittliff; Treasurer—Al Ehrlich and Bob Nason; Publicity Manager—Ray Barglow, Peter Mayer, Royell Noll and Carl Rovaizen; and National Representative—El Chernow. Nominations will remain open for all offices up until the actual balloting.

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Announcements

Cricket Club

Cricket players, both proficient and just interested, 'should report to Robert Hutterback in the near future if they are interested in forming a Cricket Club.

The Caltech Service League was named chairman of the Unit-Ship Show on Wednesday afternoon, March 25, at the Athenaeum.

DRAFT EXAMINATION

Applications for the Selective Service College Certification Test can be picked up now at local draft boards. Applications for the April 30 test are due April 9 at the Educational Testing Service in Princeton, N.J.

ASCIT Budget

Clubs and organizations receiving money from ASCIT should present their budgets for next year by April 6 to the BOD for consideration and inclusion in the ASCIT budget.
BOC Open Letter

Disappearing Blue Books Threaten Take-Home Exams

Since finals week is only a few days away, I feel it is appropriate to bring to your attention a problem which has been of major concern to the Board of Control during the past year. In a growing number of instances, where take-home examinations were involved, blue books have disappeared after completion of the exam and before reaching the graders.

This, of course, puts both the student and department involved in an awkward and uncomfortable position with regard to a final course grade. More alarming is the very real danger of the elimination of the take-home system from the Caltech scene. In most cases where books did not reach the graders, it was apparent that some carelessness or negligence on the part of the student" contributed to the loss. In my opinion, irresponsible treatment of completed blue books puts an unfair strain on the Honor System and, in the present situation, is a real threat to the privilege of take-home exams.

Speaking for the Board of Control, I would like to ask your cooperation in minimizing the chances of losing blue books. If at all convenient, you should return completed exams personally to instructors when you finish work. If it is not convenient to return the exam immediately, please keep it in a drawer or other reasonably ordered place.

Leaving completed blue books on a desk or in a pile of books for long periods of time is not responsible treatment of material representing perhaps one-half of a course grade. In short, treat your completed exams as you would any other valuable personal property.

Dick Johnson

Fineman's Shilling Scandal Sheet: Inside The World's Only Second-Class Power

The Board of Control has decided that the possession of a master key in itself is no longer a violation of the Honor System. However, each student must realize that the Honor System is based upon consideration for the rights of others. One of these is the right of privacy, especially with regard to private offices and labs. No student has the right to enter any private office or lab without specific permission.

The right of privacy extends to the use of equipment within these private offices and labs. No student should use equipment without the owner's permission. The administration is aware that debates fitfully whether it is necessary to keep Dabney Hall open during the winter because of bad weather. There was a thaw at the beginning of the week, however, and the train north was back to its usual 20 minutes late.

I have got the temperature control finished, after finally learning to design and build voltage amplifiers. The first stage had to be built (hum-free) in a space of a few cubic inches under the photocell. But, miraculous dicta, it works.

Pro and Con Debate:

Should the Un-American Activities Committee be Eliminated?

Sponsored by the Pasadena Chapter of the AMERICAN CIVIL LIBERTIES UNION

At the home of

Dr. and Mrs. LINUS PAULING

3500 Fairpoint, Pasadena

Friday, March 20

8 P.M.

NO ADMISSION CHARGE

The California Tech

EDITOR: Mike Miller

EDITORIAL BOARD: Marty Carnoy, Cleve Moler, John Todoroff, Howard Weisberg.

STAFF

Pete Dickel, Carl Gottschall, Gerhard Klose, Bob Koh, Sid Leibovich, Steve Langley, Roger Hull, Anne Perry, Dan Schrack, Lanie Taylor, Joel Tombsam.

BUSINESS MANAGER: Howard Weisberg

Composition: Std Lithochem, Neil Shubay

Entered as second-class matter November 22, 1947, at the Post Office in Pasadena, California, under the act of March 3, 1879.
Big Man Dominates Sing

By Griffen

The gym reverberated harshly with the rhythmic marching of the men in green. Then all was silent for a moment, and there was applause. Again harsh tromping of blackjackets, and again by maroon and again by blue. Four houses of the glee club faced four houses of audience, plus select invitees. One side sat straight and erect, each individual trying to catch the eye of one of the two women judges (several, of the male judge) in the hope of giving her (or him) a quick, knowing smile and a raise of the eye. Success had to be insured at all costs.

The other side slouched, making jokes and throwing fruit into the arena. Ambitious socialites mingled with the crowd, arranging midnights meetings.

A little boy appeared from somewhere and heralded the approach of the Great Leader with a few obsequious flourishes. The Great Leader strode to the center of the battleground, pushed the little boy aside with a well-chosen word, and addressed the howling mob in a booming voice: "Vidi, vidi, venu. Illiam iacta est. Hec quantumque petit tantum cecinisse putabit maenso-

ment to present good blues, filled with emotion, in a language he understands. In addition, he showed how funky a piano can be as a solo instrument. He played it like a horn — and he wailed.

As I stated earlier, nothing great happens in this album. It is good jazz, though. The lines are clean and deeply rooted, and the rhythm section pulses throughout. It's enough for me.

Welcome to

The Campus Barber Shop

(At the Old Dorm)

All Haircuts

$1.50

Two Barbers to Serve You

Even Euclid had to admit...

It's what's up front that counts

Euclid proved that a straight line is the shortest distance between two points. And if you take a straight line to the nearest pack of Winstons, you'll find it is the shortest distance to a really enjoyable smoke. It's the tobacco up front that makes the difference and that's where Winston packs its own exclusive Filter-Blend — a special selection of light, mild tobacco, specially processed for filter smoking.

You'll find Filter-Blend gives Winston a flavor without parallel. In fact, it's axiomatic that...

Winston Tastes Good, Like a Cigarette Should!
Relays Prove Disappointing

The AAU Relays made interesting viewing last Saturday, although no one including the Caltech entrants did spectacularly well. Bob Juola was badly slapped at the start of his 1320 yard medley relay and, although he was able to finish the race, he was not able to turn standings until next term.

Disappointingly, no world's record was set in the shot put. Both Pac-10 and SCIAC freshman Dallas Long put the shot over 62 feet with O'Brien a few inches ahead. Dave Davis, an SC ineligible competing unattached, came in third with a personal best of 61 feet even. I was impressed with O'Brien's competitive spirit and clutch performances, this being rarer in field events than in running events, where the competition is more immediate.

Long was ahead of him several times, but each time O'Brien's next put would place him in the lead again. Disappointing people have thrown more than was still the first time three 61 feet in one meet.

The javelin was certainly the main field where several hundred poorly. It was held on three athletes were milling around, and there were no ropes or anything around the area.

One athlete was lying on the ground just outside the area and was barely warned in time to roll out of the way of a wayward javelin.

Boost for the Fresh


Steve Picked All-Conference

Steve Picked All-Conference

Captain John Stene was picked for the SCIAC all-conference team, while Whittier got most of the spots as expected. Apparently, the coaches had a deadlock and had to put six men on the team.

Dick Tuft (left) set a new frosh 880 record and Dick Kott wins the 100-yard dash at 10.1 as Beavers place second to Cal Poly last Thursday.

Tuft Sets New 880 Mark

Dick Tuft set a new frosh 880 record last Thursday as eth Beaver varsity placed second and the Tech frosh a distant third in CIT's first home meet of the season season. Tuft's time of 2:05/5 clipped over two full seconds off the former froshman mark held by current varsity runner Tony Leonard. Leonard, still suffering from a weak knee, ran second to Tuft on Wednesday.

Visiting Cal Poly from Pomona won the four team meet with 70% points. The Tech var-

Flems, Darbs Tied

In Discobolus Trophy Chase

Fleming moved into a first-place Discobolus tie last week with an overwhelming ping pong victory over challenging Ricketts. Warner Fan, Dick Chang, and Larry Tenn won single matches to give Fleming a 17-6 over Ricketts. Neil Richardson and Harold Stark winning the doubles. Total standings read:

Fleming 17
Dabney 17
Ricketts 8
Blacker 2
Throop 2

Flems, Ricketts Clash

Fleming and Ricketts meet this afternoon to decide the Interhouse volleyball championship. The Flems are unbeaten in three matches and thus are assured of at least a tie for top honors. Ricketts owns a 2-0 record and needs a win today to tie.

Dabner garnered its first win against a weakening Throop team last Wednesday by convincing 15-10, 15-7 score. Black

Get the genuine article

Get the honest taste of a LUCKY STRIKE
Swimmers Win Relays At Redlands Favored Tomorrow vs. Santa Barbara

This Friday afternoon the varsity and frosh swimming teams meet the University of California-Santa Barbara in a dual meet at the Caltech pool. The varsity, fresh from their triumph at the Redlands Relays, will be favored, although the frosh face unknown prospects.

The Relays proved to be a well balanced team effort with Tech winning only one first place, but five seconds. The breast butterfly relay figured to be and was Tech's strongest team. With Beltzer and Owings doing the breast and Brown and Blakemore the butterfly, the team won handily. In two very close races, both of which were narrowly won by Pomona, Tech finished second. The medley team of Bland, Owings, Blandford, and Tibbetts pointed the same time as the winners but was awarded second place. Likewise in the sprint relay with Tucker, Tibbetts, Brown, and Blandford swimming, a judge's decision was needed to determine the winner.

Drivers Rony and McLennen took second and third respectively to add to our point margin. Dunham, Bland, Tucker, and Brown were our entries in the back relays and finished a respectable second. Also in the distance relay the team of Rony, Owings, Blandford, and Tibbetts did well enough to garner a second spot for Tech.

Final results were:

Caltech 83
Occidental 55
Pomona 45
Whittier 42
Redlands 18

Frosh in Tie

The frosh tied with Redlands for their Relays Championship at 54-54, but by a different means -- their teams finished either first or last. The team of Turner, Buck, Howard, and Mitchell accounted for two first places in the medley and back relays.

Hogan, Buck, Howard, and Mitchell then combined in the breast butterfly relay for third first place of the evening. The repeated occurrence of several of these boys names certainly indicates their general all around swimming ability and leads one to expect much from them in the coming season.

A Rose By Any Other Name --

The ASCIT Rep whistled as he completed the last line on the bulletin board. "Stiller Remains as Editor." He felt a tap on his shoulder.

It was a squat little man. The little man was frowning and shaking his head.

A slow realization slowly spread across the youthful features of the Rep. "You mean all that election jazz wasn't just talk?" The little man nodded his head, still frowning.

The Rep turned back to the bulletin board, namby with disbelief. He took out the "d" and replaced it with an "w." The little man's frown darkened.

The Rep's hand hovered over the "g." A muscle in his arm tensed. He removed the "g." The little man relaxed his frown, turned and padded away.

They said it couldn't be done... They said nobody could do it... but --

LM is Low in tar with More taste to it

Don't settle for one without the other!

"LM is kindest to your taste," says TV's George Gobel. "There are two mighty good reasons why I think you'll go for 'em. They're truly low in tar, with a truly more exciting taste than you'll find in any other cigarette."

LOW TAR: LM's patented filtering process adds extra filter fibers electrostatically, crosswise to the stream of smoke... makes LM truly low in tar.

MORE TASTE: LM's rich mixture of slow burning tobaccos brings you more exciting taste than any other cigarette.

Live Modern... Change to Modern LM
**The biggest challenge a man has to face is himself**

"Men and businesses are alike in one respect," says Gerald A. Parsons, 30-year-old marketing and personnel development specialist. "The success of a company depends to a great extent on how well its employees respond to a challenge. And I've found that the biggest challenge a man has to face is his own job. He is not the competition of others — but the far more important one of development that there continues to be progress for himself to his fullest capabilities.

"During my four years with General Electric, I've had plenty of opportunity for self-development. Challenging training assignments at five different locations within the company have given me a broader understanding of my career area. In my present job I have the benefit of working with experts, both in establishing long-range goals and in helping to achieve them. I've found that working toward future potential is vital in the development of successful businesses — and successful men."

Young men such as Gerry Parsons are important to the future of companies like General Electric and are only as individuals meet the challenge of self-development that there continues to be progress for a business, an industry, or a nation.

**Progress Is Our Most Important Product**

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**Frosh Tennis Squad Keeps League Lead**

In a very thrilling tennis match, Whittier was defeated by a score of 4-1 by Cal Tech. A tie with Cornell and a 1-0 defeat of Whittier dropped a 5-4 decision to league foes Whittier. The match was closed to Whittier fans by an excellent public and the final score of the former.

Cornell won second, third, and fourth singles matches but Brooklyn lost the third and fourth doubles. The matches were played on a hard court.

A previously rained out match was played Monday afternoon against Occidental. The Tigers boot a very powerful team this year and they have even given a chance of catching the league dominating Redshands outfit. In the singles matches the Tigers were blanked, but the doubles teams of Cornell and Morris won first doubles to avoid a complete shutout.

The freshmen, with the best team in years, continued undefeated in league play by defeating the Whittier frosh 8-1. Hiss capped his first season match and matches against Whittier and Cornell were won by default. Sellin, Hearn, and Bunting and Stenning almost won their doubles matches. The little Beaver doubles teams swept their opposition to complete the one-sided victory.

The match scheduled Monday against Occidental was postponed.

**Beaver Nine Wins 8-3 Over San Fernando**

(Continued from page 3) A bulk by Kapp, followed closely across Wes Parker with the de- trial run in the fourth inning. The runs had jumped off to a commanding 5-4 lead at the end of the third inning. Beavers began to show signs of turning into a slugfest. Three hits, two errors and a pair of walks accounted for the CMS runs with single runs scored in the third and fourth frames.

In the fourth inning, Parker singles; past first and went to third on successive ground-outs. With runners on first and third, the man on second broke for second and Kaplan balked, sending Parker home. Kaplan held the visitor to eight hits, amidst 15 hits yielded by winning pitcher Dick Yates, but four bases on balls and vital errors were costly.

Five singles by Merrill, Sten- hit, Walsh, Vellelina and Hartung provided three tallies for the Beavers in the first inning. After a single by the ever-present Mer- rill, Walsh and Vellelina went into his pace-setting hitting form of last year, dropped a double, a triple and a homer and came across on a single by Hartung.

The final Beaver run saw Orange singles; on singles by Holland and Kaplan. MYERS blanked the Beavers on shutout performance with Price absorbing the loss. Handing control of a homer to the ball to feature the CMS offense. Waterman's dependable bat cracked out three of the six Beaver hits. The only Caltech section of the opportunity of the game saw Price cut out at the plate in the seventh inning.

**The Music Scene**

By David Schuster

When Bruno Walter walked out onto the stage of the Philharmonic last Thursday night, the capacity audience rose with their orchestra to greet their great friend. As the evening went on, the enthusiasm grew and was climaxmed by a huge ovation upon the conclusion of the "Great C Major Symphony of Schubert.

The orchestra members joined enthusiastically in the ruminative acclamation given to Dr. Walter.

Bruno Walter, who is now 85 years old, has been appearing as a conductor before live audiences for 65 years. Time has not taken toll on either the physical vitality or the enthusiasm of this great conductor. True, he may walk a little more slowly now, but once he reaches the podium, there is no sign of diminished energy. Music seems to lift the burden of the years off his head and once he raises his baton, all the spirit and vitality of the music is mirrored in his conducting.

Lost of Romantics

Dr. Walter is the last of the great romantic conductors, represent- ed by such names as Mil- chieh, Mahler, Weingartner, Fur- stenberg and Toscanini. Here is a man who was 20 years old when Brahms died and who con- notated, 50 years ago the first performances of works by Gus- dav Mahler, his close friend, which we still hear today. A Bruno Walter program usually does not contain any novelties. This is one was true form. Besides the Schubert, we heard Mendelssohn's Overture to "A Midsummer Night's Dream" and Haydn's Symphony Number 88 in C Major. This is all music we have heard before and known to love, but it is Dr. Walter's unique gift that he can make this music seem fresh and new as well as if we had never known it before.

Today it is difficult to find a conductor who can more perfectly bring out our romantics. The Mendels- sohn was a model of controlled conducting, as all the moods and pictures in this music were present to us one by one. Nothing was rushed or overdone or out of proportion. The Haydn 88th has always been a Walter specialty. The grace, gentleness and humor in this music were all lovingly bestowed on us. The symphonies were espe- cially memorable for their lightness, buoyancy and joyfully.

**The California Tech**

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Thursday, March 12, 1959

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**Gerald A. Parsons** received his B.S. in 1950 and his M.B.A. one year later, both from Cornell University. He joined General Electric as a Marketing Administration Specialist in 1951, and in 1953, was promoted to Marketing Administration Specialist in the company's Large Steam Turbine-Generator Department.