Von Braun Speaks on Saturn-Apollo

Dr. Wernher von Braun, NASA's answer to the Fleming Home Mickey Mouse Club, was the Caltech Management Club's guest speaker last Thursday at the Towne Auditorium. The Director of Marshall Space Flight Center gave a talk on "The Art of Decision Making in Launch Vehicle Development," followed by a series of slides and a report on the Saturn and Apollo programs.

Von Braun stressed that the problem of management is motivating employees to change. He illustrated this with an example from history.

Go, Sammy, pol

Before Columbus persuaded the Queen of Spain to finance his voyage, he tried to gain support from the government of Genoa. In a rather typical fashion, the Genoese set up a committee to study the feasibility of the project. The report, recently uncovered, was 904 pages long. In the report, "this forward-thinking committee of profound scholars" discouraged the project, despite the objections of one rash young fool from Milan, named da Vinci.

Von Braun warned that management must take care to avoid "staffing an idea to death, and should see that the organisations do not stifle these "rash young foals," or they might stagnate.

He then discussed the recent developments in the Saturn program. The Saturn I tests have been completed, with 100% success. Full information received from the Saturn I program, flight tests on Saturn I have already begun. Three of the four stages of Saturn I have been fired in the laboratory or in beach areas.

Mercury next

Next, before the Saturn V program is more than off the drawing board, possibilities far beyond the Apollo program beckon. Five contracts this year concern the study of further projects such as manned flights of Mars and Venus, which should be possible with a minimum of modification on the basic Saturn V engine. Von Braun, "designed as a sort of heavy truck, with a maximum of veracity in mind."

Stag films

After the talk, he showed a series of slides of test sites and (Continued on page 4)

Wymann Assails U.S. Vietnam War Policy

by Crash

Is U.S. foreign aid more harmful than helpful? Are we doing the right thing in Vietnam? Do American newspapers print the truth about Vietnam? These are just a few of the questions raised by a most provocative Dr. Bob Wymann at the Freshmen Forum last Friday. Wymann, a neurophysiologist here at Caltech, was recently invited to Tokyo to present a research paper, while in the area he visited Vietnam and Thailand as a private citizen.

Kamikaze

Wymann found the Vietnamese a very intense and deadly serious people. "They have decided to do something, death is not important." Prior to this visit, the Vietnamese are very noncommittal.

The Geneva Agreement of 1954 originally established the demarcation line separating North and South Vietnam. However, this line was to serve only to facilitate the removal of French troops and not to be a political boundary. In 1956 a plebiscite was to be scheduled to reunite the country. Unfortunately, Dien, premier of South Vietnam, fearing a Communist-dominated coalition government, refused all attempts to hold the elections.

Breedlove Armada

The typical Viet Cong of three years ago was a native South Vietnamese who had gotten stranded in the north following the Geneva Agreement. In 1959 as unrest in the South increased these men began infiltrating into the South. Information in a Senate White Paper indicates that these men were not given arms in North Vietnam. Not until US bombing began did North Viet- nam begin to supply arms to the Viet Cong. (Continued on page 2)

Sen. Church to Speak on Viet Policies

ASCIIT and the Faculty Committee on Institute Assemblies and Programs recently announced a free public lecture by Hon. Frank Church, U.S. Senator from Idaho, Church's address will cover the current issues on this Tuesday evening at 8:00 p.m. in Beckman Auditorium on "Beyond Vietnam: The Need for a New Asian Policy."

Forty-year-old Church received his A.B. and L.L.B. from Yale University, his M.A. from the University of Paris, and his Ph.D. from the University of London. As chairman of the 1969 Democratic National Convention in Los Angeles, and is now on the Senate Foreign Relations Committee, Chairman Church is a member of the Senate Campaign Committee. As the title indicates, this lecture will be a survey-oriented future predictions like Vietnam.
At Last!

The coffeehouse has finally come into existence and with it are opportunities for rest, relaxation, good but inexpensive food, and for loads of intellectual, pseudointelectual, or just plain random, BS. This is another achievement of those little known campus forces concerned with the Tecker plight. Hundreds of man hours of planning have gone into the coffeehouse, and it is now up to the students to support it.

The need for such a coffeehouse has long been apparent. Last year hundreds of Teckers took advantage of the Pepper Mill’s Freeloader Special. This year, with the Freeloader Special defunct, students frequent the local restaurants in search of a haven from the incessant pressures of an impossible curriculum and a monotonous environment.

Now that the coffeehouse has been established, however, we must patronize it. Since you have already pummled over to the Pepper Mill and more recently to Bob’s, five blocks of distance should be no deterrent to our patronage. Although this arrangement is admittedly not as convenient as a location just across San Pasqual, the super low prices (300 cent hamburgers, spaghetti, pizzas, and sandwiches) should make the short trip well worth it.

If adequate supertizer does not materialize, the coffeehouse, its future proximal location, and all the planning will go down the tubes. It will likewise go down the tubes if it degenerates into another ersatz campus-style Student House life.

The coffeehouse should be a place that the Tecker would like to bring a date or have a chance of meeting a future date, as we hope it will, the random girl will be utterly snubbed by its atmosphere. To wit: Eat, relax, contemplate, and fraternize!

—John Midditch
Michael Moe

CaliforniTECH

Published weekly during the school year except during holidays and exams by the Associated Students of the California Institute of Technology.


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San Diego

The Critical Ear

by Gith

The foremost exponent of contem­porary jazz in the "third stream," the Modern Jazz Quartet, has recently released its first album, under the leadership of John Lewis last Friday with the sounds that have won them such wide­spread acclaim.

The group, manned by John Lewis on the keyboard, Max Jackson on the vibes, Heathcote on the bass, and Connie Kay on skins, presented an evening that local jazz aficionados will not soon forget. The first half of the pro­gram consisted of entirely new arrangements of selections from Gershwin's "Porgy and Bess," while the second half included some classic instrumental pieces by some of the group's own albums.

The ensemble does not play the traditional jazz, but rather what is called the "third stream." This is the idea that this new label for the existing tradi­tional jazz is primarily improvisa­tion and secondarily pedafast­ing (fast or slow) rhythms. A familiar example of this is Paul Desmond's "Take Five," which has both fast and drum impro­visations.

This piece also has a pulsating, although 5/4, rhythm.

The "third stream," however, is still the result of modern jazz hash and its system of symbiotic patterns applied to classical and concert performance and ar­rangement techniques. The me­thod they play sounds like jazz, but it has been adjusted together with the care of a tech Preludre.

Just right

This attention to composition and arrangement was most evident when not everyone was playing the same time, or even with the same style. Often there were solos, or the drum and vibes might be missing. They utilized each instrument to the limit of its capabilities, but also knew when to stop. For example, the vibraphone and pli­cetogether, the snare and bass could be the base might harmonize with the guitar and serve as a percus­sion backup.

The group not only demonstr­ated the painstaking care given to their pieces but also showed a high degree of technical competence and versatility in performance. Those who didn't think that jazz could be interesting and unique musical experience.

—John Midditch
Michael Moe

Teckers Attend Model UN in San Francisco

Although strapped for time in the middle of midterm finals, eight Teckers supposedly representing Jordan will perform a reenactment next week to the birthplace of the United Nations and home of the Model Annual Model United Nations—San Francisco.

Rich Flammang, Barry Lieber­mann, Willard Manning, Mammy Mee, Jim McWilliams, Joe Rittenhouse, Milt Stone, and Del-egation Chairman Dennis White will spend an extraordinary $19.00 to fly to the ancient city. The group's support will be issued for $100, for plane fares, a departure from the pattern of previous years, when automobiles furnished most of the transportation.

Once in the City of San Francisco, the delegtee will reside in the Student House and will draw a whopping $3.50 daily stipend for their sustenance. Although Stan­ford University will sponsor this year's rendezvous of poly sci majors, the conflict will occur with

in the confines of the cosmopolitan downtown.

In spite of the fact that the MUN experience provides a rare opportunity to partake in pseudopolitical bargaining and to represent foreign nations in the model organization of the world beyond Cal­tech, only eight would-beside­ steps have taken for a team that requires nine. The last minute salvaging offers a berth on the Trade and Develop­ment Committee. Committee members must be willing to arrive on Wednesday of midwinter week and return the next Saturday.

Full schedule

Wednesday, the delegates have a registrars' meeting, a dedicatory meeting of the Gen­eral Assembly. Thursday and Friday will be mostly ceremonial and caucus meetings, and Friday night will be a formal dance. Saturday will bring the Civilian General Assembly ses­sion, and Sunday a hangover.

Saigon Sin City of the South

(Continued from page 1)

one new coming policy had to decide whether they believe everything that's not ours," To­day, "we really own only very tiny portion of the earth, but lost ground from year to year.

The Vietnamese people that Wyman talked to want to end the war. If any new civilian pressure comes to power, they would probably im­mediately begin negotiations with Viet Cong and hold a pleb­iscite.

Citing examples in Viet Nam and the United States, Wyman understands how many U.S. projects in­crease the wealth of the people but make their inhabitants so immensely wealthy that they are abandoned thus neglecting the wish­es of their people.

Exposed

These and other matters are not always reported correctly in US papers. According to Wyman, all the reporters with whom he talked in Vietnam said that they were often distorted by the time they reached the public. The only exception to this was the report from the New York Times. Time maga­zine on the other hand has had many reporters quit because

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3-0'07
Page Wins Interhouse

The Caltech track team lost to Claremont-Mudd on the Slag's home track. The outcome was a disappointing one, as Caltech displayed superior speed in the sprints and superior distance performance but fell short in most events from the beginning. Outstanding efforts were made by Rodney, however, and made the vaulting difficult. Dennis Schierling won the 880 by a margin of 10 seconds, but he could not have strong competitors in this event. In addition, he was six seconds off his season best. Fred Lamb, who has been training hard all season, continued to show improvement. His 23.0 took third in the 200, while his 51.9 was good for a third in the 440.

More goodies

Other noteworthy Caltech performances were turned in by Gus Schulz and John Garrett. Schulz finished in 16.0 seconds in the 120 high hurdles, his best time of the year, and Garrett hurled the javelin 160'6", his best mark of the year. The quarter-relay team of Wyatt, Fox, Lamb, and Harley won their event in a time of 44.4 seconds, but the Slag's, who were by far the faster team, dropped their baton. Next week Caltech meets Dartmouth and Los Angeles. We hope to win this one.

Batsmen Come Close

The three-game series with Claremont-Harvey Mudd ended up a disappointmant for the baseball team with a doubleheader loss at Pomona last Saturday. The Wednesday game of the set built up to the same level of last-minute excitement that has spiced all the Heavers' half-games of late, but the team came out on the short end again.

Craig Helberg started the game and went eight strong innings, while Big John Frazzini worked the ninth leaving a 4-2 score going into the last half of the ninth. The Claremont batters hadn't been knocked too hard before, except for Stump who was hit by a Hayes' pick-off that put Caltech ahead temporarily in the third. Langer, who should have been nipped in the ninth with his second home-run of the season over the left field fence. Les Fettig followed with a shot to center that carried over the centerfielder for a triple, so that with nobody out and a runner on third, things looked good for at least an extra inning or so.

There was to be no joy in Smogville, however, as Bob Firestone grounded to the pulled-in infield that was set to cut off the run, bringing up Chappak again. Jay drew a walk without being able to attempt the squeeze play, leaving the job to Steve Sives, the fresh catcher. After missing the bunt twice, he grounded into a double play that ended the game and left only the hopes that Caltech could be had in the Saturday twin-match.

White injured

Harley, who had worked the first game of the bill, pitching superbly, but had a miserable defense that cost them six errors in the two-run ninth inning rally that broke through to a final score of 6-4 for Claremont, "Diamond Jim" White took a full shower, too, new basemen who, after bobbling, flipped quickly after White had just crossed the bag. The toss was wrong and White sharply hit the head, breaking his nose and opening a severe cut inside his left eye where his glasses had been drifted into his head. He was unable to finish, giving Firestone the chance to exhibit his manifold skills. He is not expected to see action for the remainder of the season.

Shutout

The second game of the set found Frazzini on the mound with Fettig finishing off with a shutout. The Caltech batters were powerless in the defense lightened up, but the CHM pitchers were rough for the Tech batters with a good fastball and a sinking curve. Alonzo ended the day with four strikeouts in seven times up, leaving a 7-0 whitewash score.

This Saturday finds Oxy at TP for a doubleheader that should exhibit some flashy baseball.

For the present, Rodney isn't incurably love sick. I can't write a check. Think about it. It's enough to make you wonder if Rodney isn't incurably pragmatic!

Rodney, you're an incurable romantic!

If and you'll wear my fraternity pin, someday we'll have a joint checking account at Security Bank.
Without a Paddle

by Fishbone

The IHC voted last week to have the Discobolus trophy circulate weekly during the year. The most recent victor in Discobolus competition will subsequently have the award for the work after its win.

Consider the selflessness and "spirit of Discobolus competition" that was involved when all four presidents entered Fleming and Loyd participated in this momentous decision. Was there any committee between the two and the fact that only Fleming, Loyd, and Page (talk about irrational voting—) have a chance of doing anything in sports for a year or so hence?

No longer will there be a need for a Discobolus point total; no, that occurs weekly—after all, the trophy must be kept somewhere during the summer.

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CHAPTER SIX

"Coronet saves the day."

Last time, we left Pam, hanging way out on a limb .

with only one way to go.

Alas: Is there nothing to save her from "Boredom Falls"?

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