NAS to hold meeting on Tech campus November 2, 3 and 4

Caltech will host the autumn meeting of the National Academy of Sciences, November 2, 3 and 4. Between 80 and 90 scientists are expected to attend, according to Dr. Carl G. Niemann, Caltech professor of chemistry and chairman of the arrangements committee.

The purpose of the meeting is to bring together the exchange of information on important scientific work. In a series of five sessions, three days of the meeting, some fifty papers will be presented on current research in astronomy, biology, chemistry, geology, mathematics, and physics.

In the lecture "The Value of Science," will be given Wednesday, November 2, by Dr. Robert P. Feynman, professor of physics at the California Institute of Technology. He will speak at 8:30 p.m. in California Auditorium. A reception for members of the academy will be held Thursday afternoon by Dr. and Mrs. Lee A. DuBridge and Dr. and Mrs. DuBridge, who live at 1300 South DuBridge home. Later, at a dinner for Academy members, DuBridge will speak on the subject of "American Universities in Australia and New Zealand." Dr. DuBridge spent last summer on a tour of universities and scientific institutions in those two countries.

The National Academy of Sciences was founded in 1863, under the name National Academy of Science, to promote the improvement of science. The Academy now has 542 active members, 27 of whom are on the staff of Caltech.

Princeton dean will interview students

Dr. Hugh Scott Taylor, Dean of Admissions and Financial Aid at Princeton University, will be among those attending the meeting. He will speak at 12:00 in Caltech Auditorium. A reception for members of the Academy will be held Thursday afternoon by Dr. and Mrs. Detlev W. Bronk, President of the Academy, and former head of the Department of Chemistry, who have visited laboratories in several states and territories of the United States and Canada.

Dr. Bronk, who has been a member of the Princeton faculty since 1930, has been active in the church and in civic affairs. He is chairman of the arrangements committee. Dr. Detlev W. Bronk will be among those attending the meeting.

The demonstration lecture on Saturday, October 29, through Monday, November 1, is open to the public. Registration to graduate work in Caltech, fellowship appointments, and other related subjects. Students interested in making an appointment with Dean Taylor should consult Dean Baren's office.

Elmination of smog problem to be discussed

"Smog Is Our Problem," the title of this week's Friday evening Demonstration Lecture, will be given at 7:30 and 8:15 p.m. in Room 301 Norman Bridge Hall of Physics on the Caltech campus.

Dr. A. Haagen-Smit, professor and chairman of the Department of Chemistry at Caltech, will be the lecturer, discussing the elimination of smog by air. The lecture will be held in the third floor of the Chemistry building. The demonstration lectures are given in English and French and are open to all students.

The Academy members will attend the Pasadena meeting, according to Dr. Carl G. Niemann, Caltech professor of chemistry and chairman of the arrangements committee.

Debate squad rates honors at San Diego

The Caltech debate squad, under the direction of Dwight Thomas, won top honors at the annual national debate tournament last Friday and Saturday. Ten send eight men to the national debaters and each of the 500 schools present rates and attract students at the tournament.

The squad rates the tournament's three-day debate on San Diego. The tournament took place at the Civic Auditorium this year.

"Fantastic Fantasia," featuring such things as a giant hand and a huge tiger, will play sold-out Blackie's, in keeping with the New Orleans show theme. The Mississippi will flow through the courtyard, and the house is to represent a French Quarter bar.

Bennett to talk at Y lunch club

On Thursday, October 27, at 12:00 the YMCA Fresh Lunch Club will feature Roger Bennett, editor and publisher of the Los Angeles Times. The lecture is at 12:25 and will be conducted at the YMCA lunch club 120 E. Colorado Boulevard.

Bennett to talk at Y lunch club

The lunch club gathers at the training table in lower Blacker house.

Mr. Bennett, who is an expert on foreign affairs, will discuss the subject of Superonic Aerodynamics.

The frosh lunch club program consists of two separate events, one meeting on Monday and the other on Thursday. Each club has about thirty members, and each is a different speaker for each event.

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Plan supervision

Bill Davis

over SALE: M., N. C. Hecht, ment, which was organized to maintain full employment in the wartime position in charge of the postwar reconversion program. After the war, the country faced a potential recession with the end of the billions of defense expenditures and the flood of GI's returning to the labor force.

For three years before VJ Day, Hoffman's CED laid careful plans for reconversion. Hoffman organized a group of the nation's top economists as the CED Research Division. They dealt with problems of postwar tax reforms and the release of wartime economic controls. Meanwhile, the Field Division, composed of businessmen, went out to help some 3000 communities plans for local reconversion. They encouraged large industries to plan ahead for expanded civilian production. The relatively smooth transition to civilian economy after the war testifies to the foresight of the CED program.

Political Philosophy

Hoffman has maintained a lifelong Republican affiliation even while working under Democratic administrations. He has said that an economic aid program, whether for postwar reconversion or for European recovery, should not rest on welfare handouts, but should encourage business to do as much as possible for itself. His views on the United States economy were summed up before the International Chamber of Commerce in Portugal. "America's socially conscious capitalism," he said, "has proven to be the best system; it produces wealth abundantly and distributes it most fairly."

Marshall Plan supervision

After the CED project, Hoffman was enlisted to serve on Averill Harriman's committee to investigate the economic needs of Europe. When the Marshall Plan ultimately evolved from this group's findings, Hoffman assumed the ECA chairmanship, while Harriman became supervisor of the European representatives. The success of ECA in bolstering the European economy is indicative of Hoffman's administrative skill. His great talent is in recruiting and directing men of the highest calibers.

In 1951, after his work with ECA, Hoffman wrote a book, "Peace Can Be Won," outlining a comprehensive policy for the United States. As the "reluctant leader in the free world," the United States must wage a peace campaign on all fronts; economic stability through free trade and foreign aid, military strength through efficient mutual defense, imaginative diplomacy for world leadership, and an aggressive information program to sell democracy to the world.

Hoffman predicted at that time that a strong free world would eventually force Russia into a policy of more peaceful coexistence. In July of this year, in an article in Life magazine, he told how the current foreign policy, in part adopted from these recommendations, has been successful in this goal.

Leader in philanthropy

In the fall of 1951 Hoffman left the government to direct the Ford Foundation, which became America's largest philanthropic organization. The Foundation set forth five goals: 1) world peace, 2) democracy, 3) economic well-being, 4) better education, and 5) greater knowledge of human behavior. To attack these Hoffman had resources of nearly a half billion dollars, and the assistance of some 3000 men as that of Robert M. Hutchins. In its brief history, the Foundation has made an undisputed impact on education, culture, and social sciences. Few men have Hoffman's imagination, breadth of experience, and depth of intellect to handle this program.

Back to Studebaker

Hoffman returned to Studebaker Corporation as chairman of the Board of Trustees in 1953. He helped direct the Studebaker-Packard merger when two independents combined to meet competition. Recently, he has been highly respected for a number of articles in leading magazines. He has discussed such diverse topics as government spending, the hysteria over security, the business climate, and United States foreign policy.

In brief, then, this is the career of Paul G. Hoffman, successful businessman and eminent public servant. He truly is one of the "Leaders of America."

California Tech

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Entered as second-class matter November 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.
Why do more college men and women smoke Viceroy’s than any other filter cigarette?

Because only Viceroy gives you 20,000 filter traps in every filter tip, made from a pure natural substance—cellulose—found in delicious fruits and other edibles!

1. Yes, only Viceroy has this filter composed of 20,000 tiny filter traps. You cannot obtain the same filtering action in any other cigarette.

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Wheel Filter Tips...

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**ARROW**

CASUAL WEAR...
—first in fashion
The soccer teams both met with defeat last week, the Varsity losing 8 to Cal Poly, and the JV's, 8 to UCLA. The long drive up to Cal Poly at San Luis Obispo didn't help the Varsity chances, but the real factors in our loss were the three brothers of the Cal Poly team.

These men have played in the national championships, and are regulars on the Metro City professional team. With one in the forward line and the other in the backfield, the two men virtually controlled the field. Against the terrific Poly offense, our defensive play was a little weak.

The game was refereed by one of the Poly players, and as a result, was played in a fairly open manner. Larry Tenny opened the Beaver scoring by firing a goal through the Cal Poly defenders in the second quarter. Serdengecti slipped another goal through the third quarter.

Yesterday, the Varsity played UCLA, a strong team, and this Saturday, they meet Southern California. Look for an upset here, because Poly is far and away the best in the league, and the team didn't do too poorly against them.

The Frosh were outplayed in losing to UCLA, by a considerable margin. After being delayed an hour while waiting for the UCLA team to appear on the field, the Tech men had lost some of their normally high spirit, and generally gave the ball away.

During most of the first half UCLA controlled the center of the field, and followed their scoring attempts closely into the goal. However, late in the half, Tech snatched it out of it and scored on some skillful team-play among the halves and forward line. The first score came on a center pass by Nelson, which was booted in by Lindgerfelt, Bill Mouer, and John Myers all came in within the next three seconds. Reid Saunders finished ninth to round out the Tech team.

The varsity and frosh teams traveled to Redlands tomorrow for the first SCIAC meet, and what may prove to be the most important one. The varsity showed well against Nazarene, but Redlands has a much improved squad over last year's. A substantial margin for Tech, a lack of aggressiveness upsetting the whole team.

Harriers dump Nazarene, meet Redlands next

Caltech's varsity harriers got the season off to a running start last Friday as they whipped Pasadena Nazarene, 23-32. Although still far from being in top condition, the Beavers bounced four men behind Nazarene's Bill Coulter, who won the 1.7 mile race with a fine 8:35 time. Don Lewis took second place for Tech, and Fred Witteborn, Dan Wulf, and Tom Moore all came in within the next three seconds. Reid Saunders finished ninth to round out the Tech team.

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Bever pigskin crew wrecked by L. B. State

Krebhli punctures 80er goal for only Beaver tally - photo by D. Faulk

Caltech's listless football team managed to lose another game to an inferior team Saturday, letting the Long Beach State 80er's go through and around them for a 29-0 win.

The Beavers, playing in traditional Caltech style, let Long Beach runners sideline off time while Tech's offensive attack left a lot to be desired, with the only consistent gains coming on Phil Conley's passing. End Bill Mouer was the chief receiver, making three magnificent flat-on-the-back catches that left the crowd gasping with amazement.

State's first score came early in the first quarter, with halfback Harlow Richardson circling...
Polo team wins fifth in a row by drubbing Pomona

Last week the water polo team stretched their win streak to five games to remain unbeaten. They are now the only undefeated polo team in Southern California.

Friday's game at Occidental proved to be a show of Tech's powerful game against a usually tough Sagehen team. The Beavers jumped to a 40 lead before the Pomona forward line even got possession of the ball, much less took a shot. The first quarter ended the game before the Beverly Hills school had even come close the rest of the game.

Jim Ball lead the Tech scoring with a nine point splurge. Taylor, Martin, Rees, and Davis also scored to round out the offensive punch. Goalie Fritz Trapnell was on the injured list for the game, but Don Wiberg filled the goal very well.

Last Wednesday the team had the closest call they have had yet when they squeaked out a narrow victory over LACC, 7-6. The visitors' had a 5-3 edge going into the last quarter when Steve opened the final period with a goal to tie it up followed by Jim Ball’s goals for the winning margin.

The closeness of the score in this game was more a result of sloppy Tech play rather than excellence of the opposition. Only in the last quarter did the home team come close to matching the visitors. In the first half, Stevens, Pitzer, Hughes, and Lare found the LACCC reserves a half game.

The next break came to Oxy on the first touchdown of the game. The visitors' had a 5-3 edge going into the last quarter when Steve opened the final period with a goal to tie it up followed by Jim Ball’s goals for the winning margin.

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The Techmen showed the best offensive line. Oxy only took six shots but couldn't get one through the goalie. The visitors' had a 5-3 edge going into the last quarter when Steve opened the final period with a goal to tie it up followed by Jim Ball’s goals for the winning margin.

Last Saturday was another tough battle for the Frosh footballers, as Occidental handed them a 40-7 defeat. The outlook at the start of the game was favorable for Oxy when they were favored by 20 points. However, after the game, the Oxy squad showed well; their Techmen showing the best blocking and tackling consistently led to Tech dominance.

In Interhouse Cross Country the two mile race was a repeat of the first race with Dan Wulff winning the individual title and Blacker winning the overall honors. The last race Fleming's Dave Yoant took first.

C'MON POODLE, LET'S DROODLE!

WHAT'S THIS? For solution, see paragraph below.

CONFUSION REIGNS in the Droodle above, titled: Switchboard operated by absent-minded Lucky smoker. Poor girl's been swamped by too many phone calls. But she isn't confused about better taste-she smokes Luckies. Luckies taste better... cleaner, fresher, smoother.

Lucky Droodle, Copyright 1953 by Roger Price
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"Today, we're one of the largest producers of asphalt on the West Coast. We maintain plants and storage facilities in seven cities and make over eighty different grades.

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"Gasoline? We're selling more of that now than anything else!"

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Asphalt's large share of the market is due to its own inherent merits. It is far superior to any competitive paving material in ease of application, in load-bearing ability, in long life and in safety. What's more, it costs less per mile to put down and to maintain.

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