Good, Lucky the California Tech Dede!

Caltech Mourns Loss of Nobel Laureate Max Delbrück Dies

Ray Owen Remembers

Max Delbrück, Board of Trustees Professor of Biology, Emeritus, died on September 4, 1966 in Berlin, Germany. He studied astronomy at the University of Tübingen, Bonn, Berlin, and Göttingen and obtained a Ph.D. in Physics from the University of Berlin in 1930 with a thesis on the quantum theory of the covalent chemical bond. After postdoctoral years in Bristol (England), Chicago (U.S.A.), and Zürich (Switzerland) with Niels Bohr and in Berlin in 1932 and for five years was research assistant of Lise Meitner at the Kaiser Wilhelm Institute for Chemistry where Hahn and Meitner were engaged in research that in 1939 culminated in the discovery of the fission of uranium by neutron irradiation. He was honored by the award of Niels Bohr about the ultimate relation of physics to biology he began during the years in Berlin to turn to problems of biology, and specifically with (Timofeeff-Ressovsky and Zimmer) to study the stability and the mutability of the gene.

In 1937 he emigrated to the United States with the aid of a Rockefeller fellowship. During a two-year stay in the Biology Division at the California Institute of Technology he developed, in collaboration with E.L. Ellis, quantitative procedures for the study of bacterial viruses.

During the Second World War and until 1947 he taught physics at Vanderbilt University in Nashville, Tennessee. During this period, he collaborated with S.E. Luria, and in close contact with A.D. Hershey in St. Louis, he made discoveries in the area of viral and bacterial genetics which during the postwar period led to the rapid development of Molecular Genetics.

In 1947 he accepted a faculty appointment in the Biology Division of the California Institute of Technology and has remained there with few interruptions. One of the interruptions (1961-1963) was for the purpose of setting up a University Institute for Genetics at the University of Cologne (Germany); another one (1969) occurred in connection with the organization of a new universi- ty in Constance (Germany). In the early 1950s he withdrew from his turbulent developments of molecular genetics and tried to initiate a new area of molecular genetics: signal transduction in sensory data processing. Here too, as in genetics, it appeared reasonable to focus particular attention on organisms traditionally ignored by biologists: the microorganisms. After careful scrutiny of the widely dispersed literature on many organisms and their sensory ac-

Amusing but Inclusive Paper, "Aristotle-tol-e-tol" which ended: "Let us assert that, by the irony of history, the vast historical impact of Aristotle on Western thought is the result of an almost accidental appropriation of the most secondary and misguided aspects of Aristotle's speculations, and that it is due to this bizarre twist that we are encumbered today with a total barrier of understanding between the scientist and the theologian, from St. Thomas Aquinas 'til today, Catholic, Protestant, and LSD mystic alike. Thus a new look at Aristotle the biologist may yet perhaps even to something better than the back page is good only for copies bundled as bulk postage. Please be aware that the "PAID" permit on the back page is good only for copies bundled as bulk mail and mailed by the Tech.

If you want to send a copy off-campus, you have to pay the postage yourself. Better yet, (S) you get all of third term) gets you all of third term)

NOTICE! Last week, the mailroom received several copies of the Tech, addressed to different places off-campus, but with no postage. Please be aware that the "PAID" permit on the back page is good only for copies bundled as bulk mail and mailed by the Tech.
THE CALTECH Y ......... fly-by

Saturday, March 14 and Sunday, March 15, will be transformed into the infamous days of DECOMPRESION. Just imagine, from 8:30 pm till 1:30 am you can wine and dine free! (well at least you can snack). You can enjoy a gourmet selection of snacks with some wine. When you mention the phrase "Baroque Touring" Bullwinkle and Broomy dance for you on a marionette movie screen. As a bonus, you can mind wrestle with a large selection of brain twisting games, test your manual dexterity on our professional set of building blocks, and examine your very own special skateboard. You too can partake if you just come to Winnett Lounge between 8:30 pm and 1:30 am on these two evenings!

Monday, March 16 and Tuesday, March 17, are the days to sign up for a PDQ BACH concert at the Pasadena Civic Auditorium on Tuesday March 31. There are 30 tickets available at $9.00 each. Sign-up in the Y office. Winners will be determined by lottery.

Sunday, March 22, kicks off the start of two glorious SKI TRIPS TO MAMMOTH. You lucky people who signed up and won the lottery must pay by noon Monday, March 23. Don’t miss out on these spots!

Monday, March 23 through Thursday, March 26, will be the Spring break SAILING TRIP. Those who won the lottery must pay at the Y office by Thursday NOON.

Monday, March 30 thru Wednesday, April 1 (Lee Ann’s birthday), are the OPTION SELECTION SEMINARS. This program is aimed towards freshmen, to help them choose their program of study. In other words, along with senior undergraduates in corresponding options will present all the intimate facts about the respective options. Look for flyers announcing the locations and times of the various option discussions.

Tuesday, March 31 and Wednesday, April 1 (Lee Ann’s Birth day), you are to sign up for a BACHELOR’S ASCIT MOVIE. You must sign up for this trip by 1:30 pm Monday, April 5. Come up to the Y office to sign up. Thursday, April 2, John A. Collins, member CALC, will talk on "Revolution and Rebirth in Nicaragua," a look at politico-social problems in Nicaragua. Winnett Lounge at 7:30 pm.

Bike Lane
Bille und ich

Well, here we go again folks...

This article is being typed Tuesday night which ends the Pasadena elections for school board or something. Anyway, all of the campaigning that I have been seeing raises an idea for a challenge. Bille and I was always any current "Techo", undergard or grad, to run for mayor of Pasadena and get 10% of the votes. He or she may go on to leave campaign but must complete at least one term before this, i.e., no prefrresh. If anyone actually achieves this goal, it will be my pleasure to buy the candidate a dinner at the Sawmill. That person probably can also get Humanities credits for this effort.

I recently received brochure from the "Backroads Bicycle Touring Co." I really do know how they found out about me but it’s here and it’s even addressed to "Ich". In any case, the bike trips described in these are on the very expensive-delux end of bike trips. You will need at $25 a day to cover for your food, support van (so you don’t have to carry anything), and lodging. They offer wine with their dinners even if it is a camping type trip. Some trips even offer lodging at hotels. The real unaffected fact is that you do not ride more than 45 miles a day. Maybe it is a good way for some rich guy to try a bike trip but for somebody who has got on bike trips for $35 a day or less, I’m afraid this is a rip off.

Last week, there was an article about how to be a Techo. Well, I really do think it is as bad as that guy seemed to think it was being a biker from the East Coast, I have had chances to talk to a variety of bikers and nobikers of different backgrounds. In some case they seem to look down on Caltech but in most cases, they can only tell that it is as bad as it is. In another case, I tell them where Tech is in the latter case, they inevitably want to know why I go to school so far away. To this, I usually tell them that the weather is in Southern California. As soon as you mention the two magic words, they always ask me if I have been to the beaches. Well, I usually start telling them about the mountains that we have, and then I start bragging about myself. In any case, the basic education you get at Caltech is the same as many other good colleges; it is the extra things you learn here that make this place so unique and some of those cannot be continued on page 4

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Fridays, March 13, 1981

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FRIDAY NIGHT
ASCIT MOVIE
7:30

TODAY:

Flesh Gordon

SOCI ASCIT members Baxter Lecture $1.00
All others Hall

Next Week

Sssss
Sleeping—that, what a sweet time... Most students look forward to going to bed for two reasons—one purpose by the necessity of rest after a long day, March 13, 1981 THE periods of wakefulness. Cof- fe effect of keeping you ly calculated to work on development and implementation for nuclear propulsion management trainees for openings beginning

Billie & Ich from two found anywhere else.

It is usually a source of discomfort and a nuisance, and in many cases be relieved by following simple, sensible practices. If you have trouble for insomnia—we'd like to know!

Feel free to write me with any questions, suggestions, etc.

Sleep tight and don't let the bed bugs bite!

—Lynnette Wilnorb, R.N.,
Health Center 1—8

NUCLEAR REACTOR MANAGEMENT TRAINING: OPENINGS/OPPORTUNITIES

Departments of the Navy, Division of Nuclear Reactors is accepting applic- ations for nuclear propulsion management trainees for openings beginning in June 1981.

Additionally, College Sophomores or Juniors can apply if and screened successfully, can qualify for up to $800 a month retainer until completion of college. (Applicants eligible to graduate in masters programs.)

Training program consists of 10 months instruction in:

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Four Tech Profs Named to Special Professorships

It was recently announced that four Caltech professors have been named to various special professorships here on the campus. The four are:

Dr. Maarten Schmidt, professor of astronomy, who has been named as Caltech’s Fourth Institute Professor, one of a special group of endowed chairs established in 1970 to give special honor to outstanding faculty members;

Dr. Peter Goldreich, professor of planetary science and astronomy, who has been named the Lee A. DuBridge Professor of Astrophysics and Planetary Physics, a chair en- dosed in 1984 by the Associates of The California Institute of Technology (a group of civic, business and professional leaders) to honor

Lee A. DuBridge, who was president of Caltech for 22 years;

Dr. Wallace L. W. Sargent, professor and executive officer for astronomy, who has been named the Ira S. Bowen Professor of Astronomy (named after the eminent astrophysicist and former director of the Hale Observatories) in recognition of his outstanding professional accomplishments;

Dr. Henry Wende, pro- fessor of chemical engineering and chemical physics, who has been named the Chevron Professor of Chemical Engineering, a new endowment design- ed to support an outstanding researcher in the energy-related field of chemical engineering.

Our congratulations to all four.

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Y Stuff

Revolution and Rebirth in Nicaragua" is the title of a presentation by John Collins in Winnett Lounge early next term (7:30 pm, April 2). Given the current administration's recently announced decision to support Communist expansion into Central America, we feel that these important and timely events in Nicaragua should prove topical—and informative.

The Reverend John Collins, director of the national office of the Church of the Latter Day Saints in Nicaragua, has just returned from a visit to Nicaragua, and will be delivering lectures about his experiences there and on his interpretation of the recent, dramatic and tragic turn of events in the country.

Clergy and Laity Concerned (CALC) is a group originally organized in the 1960s to monitor US involvement in Vietnam. Their members were opposed to the times-education of the public, establishment of the war and the draft, and intense lobbying of public officials. CALC is supported by monitor church groups and is an active cell of the US Military-Industrial Complex and anti-war projects, including the MX missile and related theft of Shoshone Indian lands, the neutron bomb, the current trend to increasing war power. It was CALC that held a Human Rights Letter to President Reagan. The appearance of increased US military involvement in El Salvador, with the distinct possibility that the US could end up supporting a military government without popular approval (worry CALC, and its WALC allies, about groups and individuals).

The allegations by some in the US military that the leftist guerrillas in El Salvador are being supported by Nicaragua (despite vigorous denial by that country) and hints that the US might thus continue its traditional involvement in Nicaraguan internal affairs make Rev. Collins talk especially relevant to all you Future Leaders of America out there.

A program as informative and topical as this just has to be brought to you by Your Caltech Y. -- Robert Hilt

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Buying or selling something? Your best bet is with the California Tech! The California Tech! The cost is $2 per inch plus 36c per extra line for the first 5 lines. Please fill out your surveys, put them in the envelope, write the name of your house on the envelope, and send the forms to the Tech Office for 105-31. All entries must be received by Friday, March 30. Be there for the final 3rd term. Ex-

nouncements are available in Tech's office.

No purchase necessary.

Eulogy

William Takes Library in Observation

Summer jobs are available at the Bear Star Solar Observatory. Students live at the observatory and operate the telescope. Housing is provided. Contact Cathy Reynolds at room 264 W.

Professor Delbrück's family requests that, in lieu of flowers, you be given his name. The Red Cross Bloodmobile will be in Danby Lounge on April 9 and 10 from 8:00 am. to 4:00 pm. In addition, interested persons may contact the Blood Center, Huntington Memorial Hospital, 55 Congress Street, Pasadena, 91107. The Center is open M-W-F 8:30 am. to 5:30 pm., and Tu-Th 10:00 am. to 3:00 pm. Phone 440-5422 for an appointment.

Central Intelligence Agency

costs 15-22,000, depending on qualifications.

Get an application form from the Career Development Office. All applicants will be contacted and arranged to visit the College.

MAIL YOUR RESUME OR APPLICATION TO:

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THE CALIFORNIA TECH

Friday, March 13, 1981

PERSONAL

Winners have until April 3, to come in and pay for their tickets. The sign-up for the next meeting, Wed., April 1st, will be Friday, April 3, to come in and pay for their tickets, or face the ramatic experience of losing their places to people on the waiting list.

Guitar Class

Spring term guitar classes will be held Tuesdays, starting April 7, in the Fleming Music Room. Beginning classes will be 4:30-5:30 pm. Intermediate classes will be 5:30-6:30 pm. Classes are FREE to members of the Caltech community (space permitting). For further information, call the instructor, Darrel Denning, at 467-0881.

Alternative Film Workshop

There will be no Film Workshop meeting this week or next week. However, films are available for those who want it. This will be discussed at the next meeting, Wed., April 1st. (That's a wrap!)

Lost!

One small silver necklace. Pendant is a bear claw. Contact J. E. Nordholt, 661-06.