



## QUASI - PERIODICAL INTERNAL NEWSLETTER

July 1964

### EDITOR'S NOTE

This is the third issue of what appears every once in a while from the Technical Information Office whenever developments at SLAC warrant. The material herein is for your information and not for general publication. (We welcome suggestions for content but please keep personal items on the bulletin boards.)

### CONSTRUCTION LANDMARK REACHED

On July 3rd the last bucket of concrete was poured for the two-mile-long underground accelerator housing, just two years after ground breaking at the site. In a few weeks, the "tunnel" will disappear from view forever as the 25-foot earth fill swallows it up.

### BUILDINGS KEEP GOING UP

The following is the present schedule for completion of some buildings yet to come:

Heavy Assembly Bldg (the new one next to the Fab Bldg)	August 1964
Shop Dining Room (vending machines and seating for 90)	November 1964
Central Laboratory (people will start moving in)	December 1964
Control Bldg (now a 3-tier hole west of the Electronics Bldg)	January 1965
Central Laboratory (last little bit)	May 1965
Auditorium (seats 300)	July 1965
Cafeteria (meal service and room for 150 people)	July 1965

A new building is being planned and is in design. This is the new "Cryogenic Facility," a 6000-square-foot quarter-of-a-million-dollar single-story building to be built just north of the beam switchyard. This will be the last conventional building to be built under contract 400 and should be finished by the end of 1965. It will be used for assembly and test of a hydrogen bubble chamber and for tests of hydrogen targets.

### EVERYBODY ON SITE NEXT YEAR

By the end of this year, Electronics people now in the A&E Bldg will have moved to the Electronics Bldg, making room for the Purchasing Department to move in. The Beam Switchyard Group will occupy the Heavy Assembly Bldg. Also by the end of the year, the Research Division will have moved to the Central Lab as will the Technical Information Department, the Library, and the Director's Office.

### KLYSTRON SOURCES AUGMENTED

Four commercial firms now have contracts to supply us with some of the high power klystrons: RCA, Sperry, Litton, and Eimac. Some have already been received from RCA.

## STAFF STILL GROWS

At the beginning of this month there were over 800 permanent employees on the SLAC payroll. (There are also 68 summer employees.) A year from now we will have reached the expected full operating total staff of around 900 people.

## STATUS OF SCHEDULE AND BUDGET

So far, so good.

## FINISHING TOUCHES

The first thousand feet of klystron gallery is all painted in the final pastels. The second thousand feet should be finished and painted by September. A contract has been let for landscaping the A&E Bldg, the Test Lab, and the west end of the accelerator itself. This work will be started immediately. Five more landscaping contracts will eventually be let.

## MAGNETIC MOMENT

The Research Division now has under test the first of the five huge pulse magnets which will be required to switch the beam within a thousandth of a second from one End Station area to another. Designed and engineered by SLAC, this magnet and its driving apparatus comprise one of the fastest acting large electromagnets ever built.

## NOTES FROM PERSONNEL

The July 29th noon movie in the A&E Bldg Conference Room will be the last until this "every-Wednesday-noon" series resumes after Labor Day . . . Now and for some time to come, SLAC will have openings (and an urgent need) for light and heavy machinists and machine operators; anybody have any suggestions?

## WE'RE NOT BEING CAREFUL ENOUGH

The wire or plastic seals on fire extinguishers are being improperly broken before use so that no one can tell if the extinguisher is ready for use . . . . Lifting too much and lifting unwisely have accounted for the most serious injuries at SLAC . . . . Fire regulations require a 44-inch clear clearance in all aisles . . . . Jot down the emergency phone numbers: (8) 2313 or DA 2-6363.

## INFORMATION INFORMATION

On July 16, the Stanford University Board of Trustees made their first tour of the site since ground breaking . . . No change in the power line problem; the Federal Court has supported AEC's right to condemn a right-of-way but a request for appeal has been filed (also the state Public Utilities Commission will hold hearings on the problem at the end of this month) . . . The Technical Information Office's next two-hour illustrated talk to new employees, describing the accelerator, its uses and operation, will be held in the A&E Bldg Conference Room at 1:00 on Thursday, August 13. All new employees are urged to attend; all old employees who have not attended before are invited.