



SLAC BEAM LINE

Max Planck
Is the man to thank
For the quantum theory:

$$\rho_\nu = \frac{8\pi h\nu^3}{c^3} \cdot \frac{1}{e^{h\nu/kT} - 1}$$

Thanks,
Max,
dearie.

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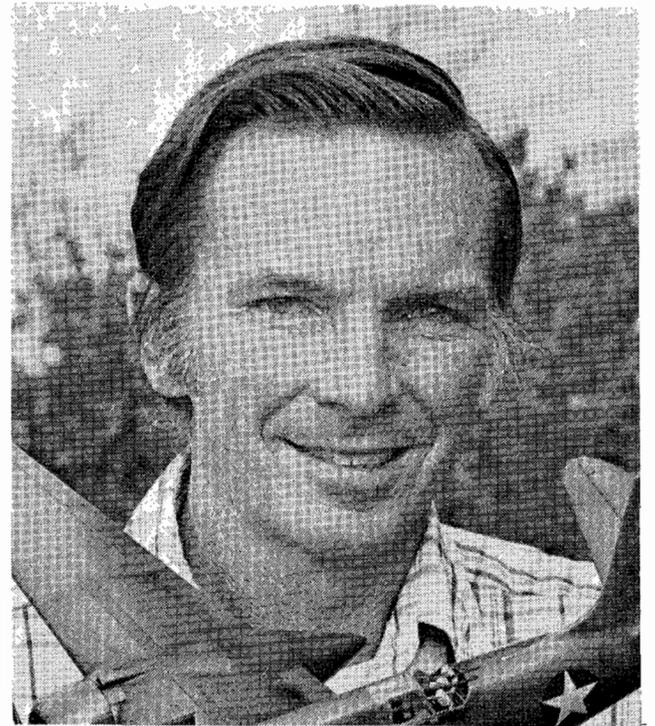
September 1975

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Editor's Note: This issue of the *Beam Line* is very late. We'll try to shape up. A recent distraction for us, and for many of the physicists at SLAC, was the 1975 *International Symposium on Lepton and Photon Interactions at High Energy*, which was held in the new Law School facilities at Stanford from August 21 to August 27. The high point of the Symposium was the discussion of the recent discoveries, at SPEAR and at the German electron-positron storage ring called DORIS in Hamburg, of a half-dozen new particles or "resonances," most (perhaps all) of which are related to the two psi particles discovered last fall. Things have started to pop again in particle physics, and the excitement is running very high. We hope to have a *Beam Line* article on these new developments ready for the next issue.

--Bill Kirk



--Photo Stanford

John Alcorn, artist, model-builder, and engineer *par excellence*, has recently left SLAC for other work. Charlie Hoard's farewell salute begins on page 2 of this issue.



--Photo by
Joe Faust

The field takes off at the start of the 3.8-mile race held during SLAC's annual Sports Spectacular on August 28. See page 4 for story.

1975 SPORTS SPECTACULAR

The Fourth Annual Sports Spectacular was held at midday on Thursday, August 28, this year. In addition to the usual long-distance run and bike race, a 100-yard dash was added to the program of events this year and proved very popular. Here are some of the details of the three individual races.

100-Yard Dash

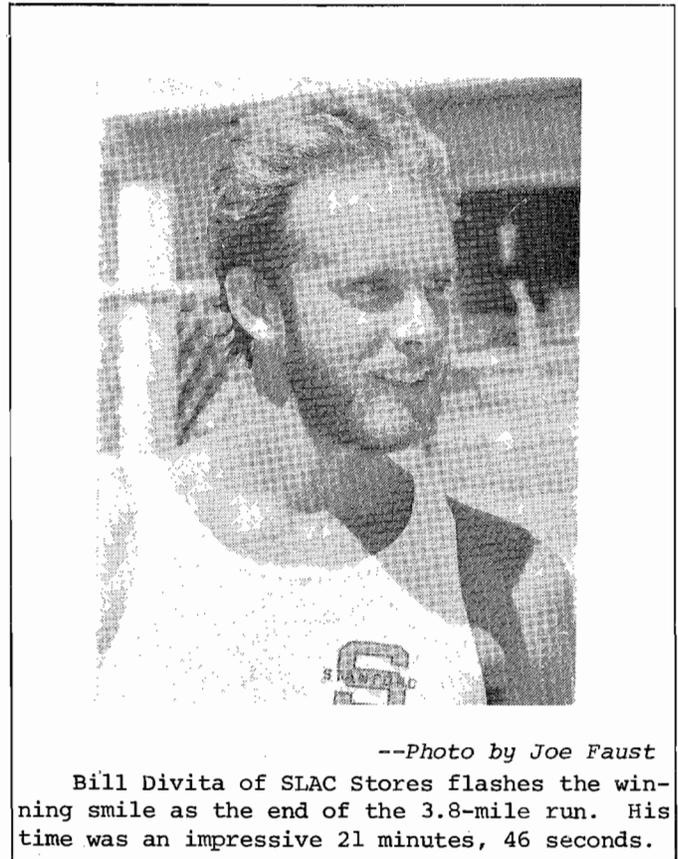
Nine sprinters participated in this new event, which was run from Sector 29 to Sector 30 along the north side of the klystron gallery. The winner was SLAC visitor Jeff Coleman from Princeton University, who led the pack all the way to a winning time of 10.7 seconds. Mo White of SLAC Stores finished second in 11.0 seconds. The other dash contestants were Jeff Moss, Hal Townsend, Dennis Sivers, M.L. Winston, Archie Moore, Jr., Rich Fall and Cordell Pennix.

3.8-Mile Run

In the long-distance run, it was Bill Divita of SLAC Stores taking first place for the second year in a row in a winning time of 21 minutes and 46 seconds. Some times for other runners were as follows:

Craig Rasmussen	22:36	Don Burwell	26:14
Gene Haynes	22:56	Phil Limbacher	27:49
Ken Moore	23:25	Jon Pumplin	28:27
Bob Hettel	24:46	Charlie Hoard	30:01
Bill Dawkins	25:07	Jeff Moss	31:05
Alex Gallegos	25:24	Cordell Pennix	33:49
John Alcorn	25:41	Mo White	34:36

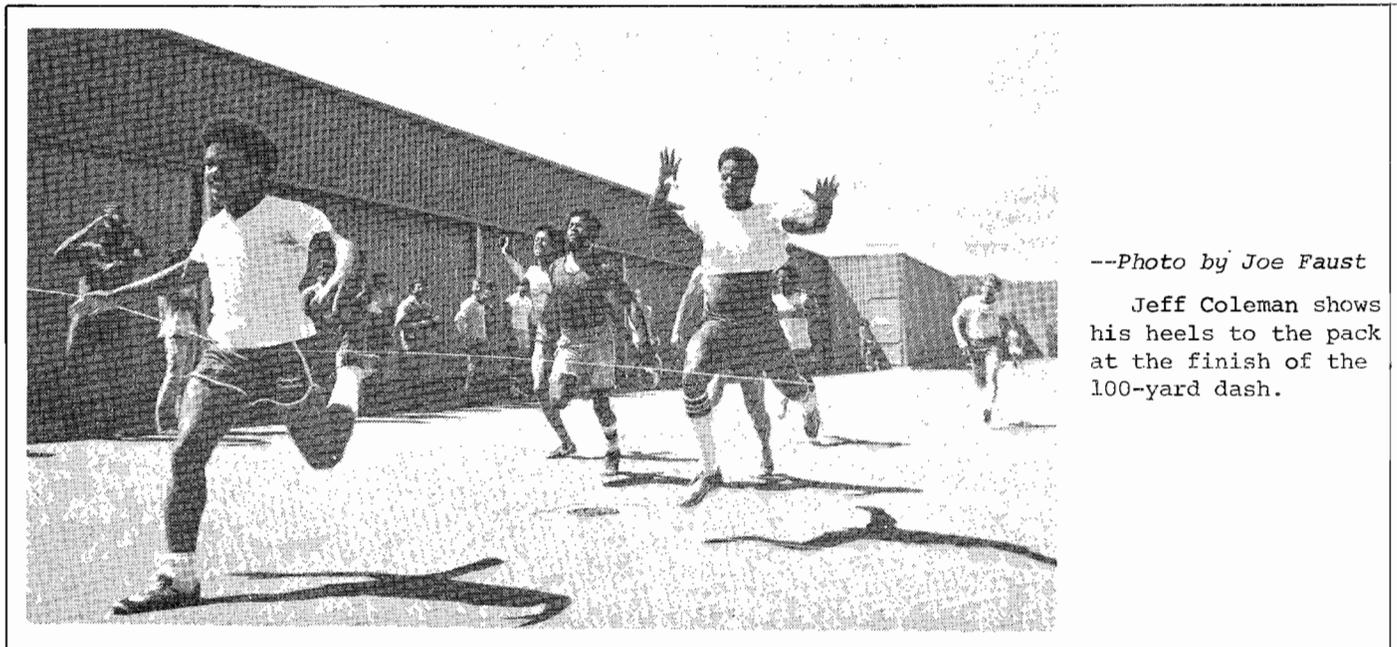
SLAC Stores had the honor of winning the team award this year and will hold the perpetual trophy in this event for the 1975-76 season.



--Photo by Joe Faust

Bill Divita of SLAC Stores flashes the winning smile as the end of the 3.8-mile run. His time was an impressive 21 minutes, 46 seconds.

To compete for the team award there must be at least three entrants from the same SLAC group in the same event. John Barreiro, Head Storekeeper, is justly proud of the three men (Divita, White and Pennix) who won for his group.



--Photo by Joe Faust

Jeff Coleman shows his heels to the pack at the finish of the 100-yard dash.



--Photo by Joe Faust

The bike racers are shown here churning around the west end of the klystron gallery with some interested bystanders cheering them on.

7.6-Mile Bike Race

The long-distance bicycle race attracted eight entrants this year, and the event was won by Dave Coward of SLAC's Spectrometer Facilities Group in a time of 20 minutes and 37 seconds. Joe Faust's son Dave actually had the best time for this race, 19:14, but this year he decided simply to ride as pacemaker for the group because he has won all the previous bike races at SLAC in which he was entered. The remaining six riders finished as follows:

Robert Kennelly	20:46	Martin Berndt	21:54
Skip Stritter	21:04	John Zolnowski	22:28
Bob Young	21:19	Max Marshall	23:32

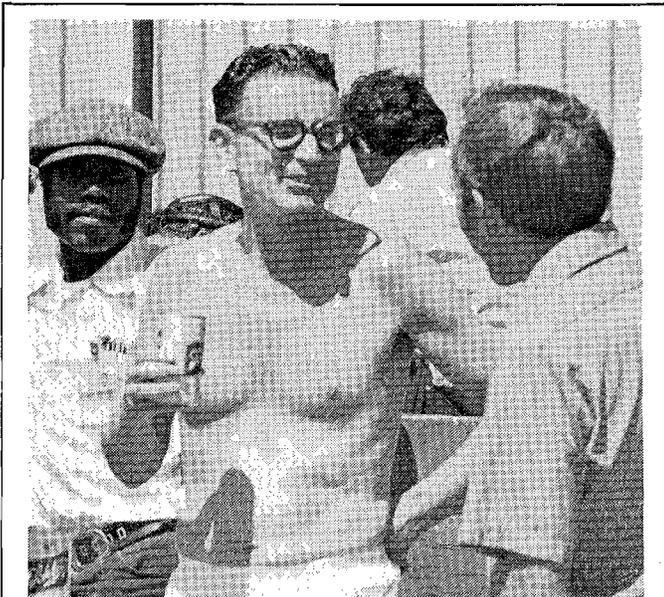
The team trophy for the bike race was unclaimed this year. Perhaps next year a SLAC group will field the required three riders in order to be eligible for the team award.

Miscellaneous Notes

Our condolences to runner Charlie Hoard, whose time of 30:01 was just one second more than the personal goal he had set for himself. This was John Alcorn's last race at SLAC, since he will soon be leaving for a new job down south. We'll miss his enthusiastic participation in the annual races.

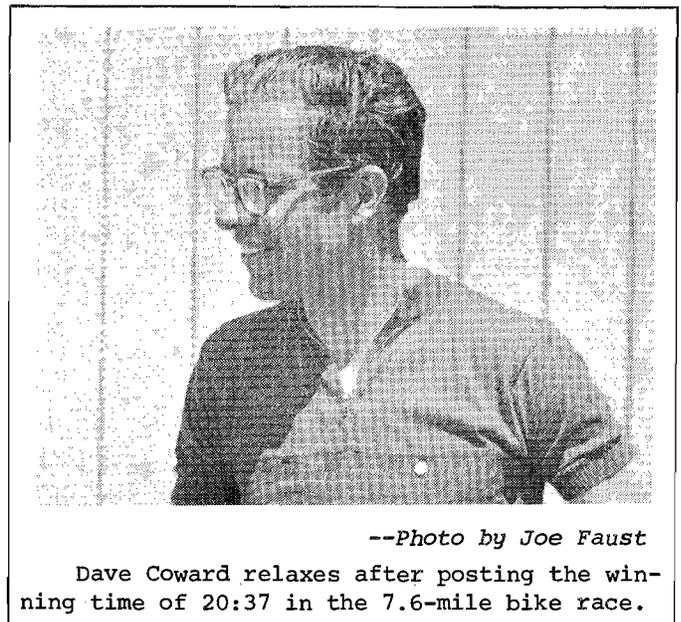
A vote of thanks to Fred Hill for escorting the bike riders safely around the klystron gallery on his motorcycle, to Ray Valenzuela for manning the "Koolit Lounge," and to the timers and others who helped make this year's Sports Spectacular a success.

--Ken Moore



--Photo by Joe Faust

After the conclusion of the 3.8-mile run, Charlie Hoard immediately plunges back into training with a can of whole-grain soup in preparation for next year.



--Photo by Joe Faust

Dave Coward relaxes after posting the winning time of 20:37 in the 7.6-mile bike race.