

## **Dr. P.M. Platzman scheduled to give public lecture on optical communications and photonics**

**March 25, 1982**

Dr. P. M. Platzman, head of the Department on Scattering and Low Energy Physics at the Bell Laboratories in Murray Hill, New Jersey, is scheduled to give a public lecture on optical communications and photonics at 3 p.m. Friday, April 2, at the University of California, San Diego.

Platzman will serve as a regents' lecturer at UC San Diego during the first week in April and will present several seminars in the Department of Physics during that time. His public lecture, titled "Optical Communications and Photonics - a Revolution in the Making," will be held in room 2622 of the Undergraduate Sciences Building on the Revelle College campus.

According to Platzman, the 1980s will see a move toward universal telecommunication the ability to provide people with vast quantities of information in any form at any time. The development of small semiconductor lasers, low-loss fibers for transmitting light pulses and a host of tiny integrated optical devices will drastically alter the ability to transmit information. This technology, Platzman says, will surely be one of the key elements in the coming information revolution.

Platzman has served as head of the Department on Scattering and Low Energy Physics at the Bell Labs for the past 14 years. He joined the labs in 1960 as a member of the technical staff. He received a B.S. degree in physics from the Massachusetts Institute of Technology in 1956 and a Ph.D. in physics from the California Institute of Technology in 1960.

He is a fellow of the American Physical Society and a member of the New York Academy of Sciences.

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