

THURSDAY KEYNOTE ADDRESS



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FROM POTS TO PANS: TRANSITION IN THE WORLD OF TELECOMMUNICATIONS FOR THE LATE 90s AND BEYOND

The telecommunications industry is undergoing transitions at an unprecedented rate from a provider of plain old telephone service (POTS) to a provider of “pretty awesome new services” (PANS). This presentation will discuss the forcing factors and the technical/business transitions that are occurring at the industry, network, service and operations systems level. Key technical issues facing the industry as well as some agenda setting themes will also be discussed along with some of the implications for the microelectronics industry.

Dr. Heilmeier, world renowned for his pioneering work in the development of liquid crystal displays (LCDs) and the recipient of numerous awards including the National Medal of Science and the IEEE Medal of Honor, was drafted out of Texas Instruments in 1991 to fill the top job at Bellcore. Over the past six years, Heilmeier has piloted the company’s successful transition from the nation’s largest resource consortium to a competitive, profitable, growing, commercial enterprise with an expanded client base of more than 800 customers in the U.S. and abroad.

Prior to joining Bellcore in March 1991, as the company’s President and Chief Executive Officer, Heilmeier was Senior Vice President and Chief Technical Officer of Texas Instruments, Inc. Dr. Heilmeier, a native of Philadelphia, holds a B.S. in electrical engineering from the University of Pennsylvania and M.A., M.S.E., and Ph.D. degrees in solid-state electronics from Princeton University. He has also been awarded honorary doctorates from Stevens Institute and Technion, the Israel Institute of Technology.