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**FIBER OPTIC LINKS AND
TRANSMISSION SYSTEMS I
(FOCUSED SESSION)**

Chairman: N. R. Dietrich—AT&T Bell Labs

Session Abstract: This focused session provides an overview of the use of fiber optic techniques in links and transmission systems with rapidly increasing information rates. The first paper reviews applications in lower speed data networks, and high-speed, long haul terrestrial and submarine communications systems. The second paper reviews the current status of systems in Europe with emphasis on the U.K. The third paper addresses the current status of high speed fiber optic systems in Japan. Terrabit per second transmission is a target for future systems. The fourth paper reviews recent progress in wide-band semiconductor lasers and optical modulators for these high-speed applications.

**8:30 am–10:00 am, May 27, 1988
Jacob Javits Convention Center, Hall 1E
Room 1**