Contents

v	Intro	duction
	11166	46661

- 1 Optical data storage [TTS3-01] T. D. Milster, Univ. of Arizona
- Fiber optic network diagnostics for power, bit error rate, and cable plant problems [TTS3-03]
 J. E. Hayes, Fotec, Inc.
- Fiber channel standards, architecture, and structures [TTS3-04] E. M. Frymoyer, Hewlett-Packard Co.
- 74 Fiber channel interoperability profiles [TTS3-05] P. Walford, DemoGraFX, Inc.
- 89 Fiber channel physical hardware [TTS3-06] E. Grivna, Cypress Semiconductor
- 106 What is a fiber channel switch? [TTS3-07]
 K. Malavalli, Hewlett-Packard Co. (Canada Ltd.)
- 144 Multimedia database management systems [TTS3-08]
 A. Ghafoor, Purdue Univ.
- 186 Multimedia services and protocols for high-speed networks [TTS3-09]
 A. Ghafoor, Purdue Univ.

Proc. of SPIE Vol. 10319 1031901-2

Introduction

Technology Tutorials are designed to introduce new technologies and product types suitable for integration into commercial products and systems. Information contained in the sessions is directed toward the design engineers, marketing professionals, and the executives who decide where product development dollars will be spent.

These tutorials will provide attendees with valuable information that can be directly applied to current marketing strategies or can provide a "missing link" for products still not quite ready for market. Tutorial instructors were selected for their expertise in these leading-edge technologies.

The Enterprise Network Engineering tutorials present hands-on, practical solutions to solving maintenance problems with fiber optic networks, channel switches, and other related hardwares. Included are sessions that examine the current acronyms and fiber optic communications terminology and introduce the component and system requirements for standard networks. Two tutorials investigate ongoing database evolution and multimedia systems.

This Technology Tutorial volume provides users with a written reference of the information presented during the oral lectures, and is also a valuable standalone reference for those not able to attend the live sessions.