80+ GBit/s ETDM Systems Implementation: 
An overview of Current Technologies

by

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Date : July 17, 2006 (Mon.)
Time : 10:30am – 11:30am
Venue : Rm 833, Ho Sin Hang Engineering Building
         The Chinese University of Hong Kong

Abstract
This presentation will show recent advances in the fields of ultra-high speed micro-electronic and
electro-optic component technologies has made possible the implementation and successful
demonstration of experimental ETDM-based optical transmission systems at bit rates in excess of
80 GBit/s. Dr. Lee will also introduce the new products from SHF Communications Technologies
AG.

Biography
As VP Marketing and Technology Adviser for SHF, Thomas lee has the responsibility of the
marketing and introduction of new products, business development and customer interactions.
Additionally, he also has the responsibility of identifying new product areas, future product
development and specifications. He has additional role as consultant on optical system-related
product issues, and customer support. Lately, his main thrust as been the introduction of key
components for 100G Ethernet system investigations.

Before he joined SHF in 2002, he was a member of technical staff in Nortel's Optical System
Research Laboratory in Harlow (previous known as STL), UK. His research activities had covered
MMIC circuit designs, optoelectronic IC technology development, circuit designs for optical
subsystems, technical requirements of components and optical subsystems for high speed TDM
systems, leading to key optical system definition, implementation and testing.

**ALL ARE WELCOME**